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CATALOGUE  
N<sup>o</sup> 28.

SUMMER AND FALL

1904

HASTINGS'  
SEEDS

H·G·HASTINGS & CO.  
35 MARIETTA ST  
ATLANTA - GEORGIA.

# IT PAYS

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NOT long ago one of our customers in Arkansas wrote us: "**I plant Hastings' Seeds because it pays me to do so.**" There is the whole secret of our large, successful and rapidly growing business. The foundation of this whole business, the largest of its kind in the South, is the fact that **it pays** every one of our customers to plant our seeds. They are quality seeds. Quality is our first consideration in the production of the seeds that we sell. We know and you know that no matter how good the soil, no matter how good the cultivation or how heavy the fertilizing, if the quality of the seed is not right you don't get the crops that you ought to and deserve to have.

No truck-grower, market gardener, farmer or home gardener wants to plant seeds that won't make paying crops, yet tens of thousands of acres are planted every year in the South with seeds that can't, with the best of soil and cultivation, make paying crops. The seed stock has not been carefully grown; it has not been bred up to a high standard. It is just as much a "scrub" as the razorback hog and the piney woods range steer.

There is a big difference in seeds. There are good seeds, some fair seeds and some that are positively bad for the man who plants them. The only kind that **it pays** to plant are the good ones, the very best that can be had.

It always pays to plant the best in seeds that you can buy. That's why scores of thousands in the Southern States plant "Hastings' Seeds." It pays them to do it. That's why we are doing five times as much business this year as we did in 1900. It pays our thousands of customers to plant our seeds and it pays us to produce seeds that pay the planter. That's the foundation of our success.

It pays the Bermuda Onion growers of Texas and Florida to plant Hastings' Seeds, their profits being from \$300 to \$600 per acre. It pays the celery growers of Florida whose profits range from \$200 to \$1,200 per acre. It pays the cabbage growers of the entire South who clear from \$100 to \$400 per acre. It pays the lettuce growers. It pays the watermelon and cantaloupe growers. It pays the growers of over 10,000 acres of tomatoes in the Southern States to buy and use Hastings' Seeds. So we could go on through the entire list of seeds that we carry. Last, but not least, it pays the growers of the good home garden that, when worked as it should be, produces from \$100 to \$200 worth of vegetables for home use from an expenditure for seed seldom exceeding \$2.00 a year.

Gardening either for market or home use with Hastings' Seeds is a paying proposition. Those who buy from us know this to be true, but this catalogue goes to several thousand planters who have never planted our seeds before and we want these to give Hastings' Seeds a chance to pay them.

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**Summer and Fall Plantings** Require the very best seeds obtainable to give good stands. The hot and often very dry weather is very trying on seeds, especially cabbage, turnips, onions and lettuce, and it takes seeds of the highest vitality and strength at this time of year. That's one reason why every reader of this catalogue should plant Hastings' Seeds this summer and fall. With half a chance they will give you a stand and produce paying results in the way of a crop. Hastings' Seeds are strong, splendidly developed and vital. As some of our customers say, "two or three plants seem to come up for every seed planted." That's the kind of seeds we have and the kind we will sell you for your summer and fall garden.

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**H. G. HASTINGS & CO.**

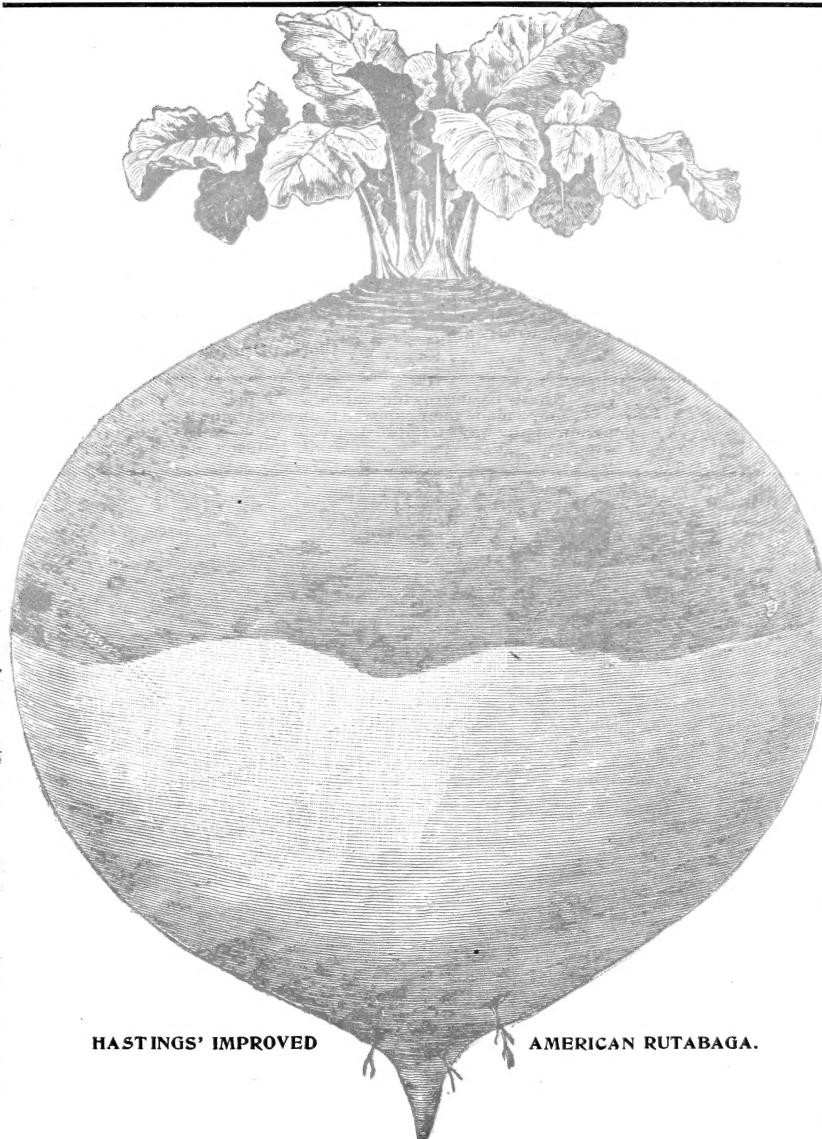
35 MARIETTA STREET

**ATLANTA**



**GEORGIA**

# HASTINGS' B



## Hastings

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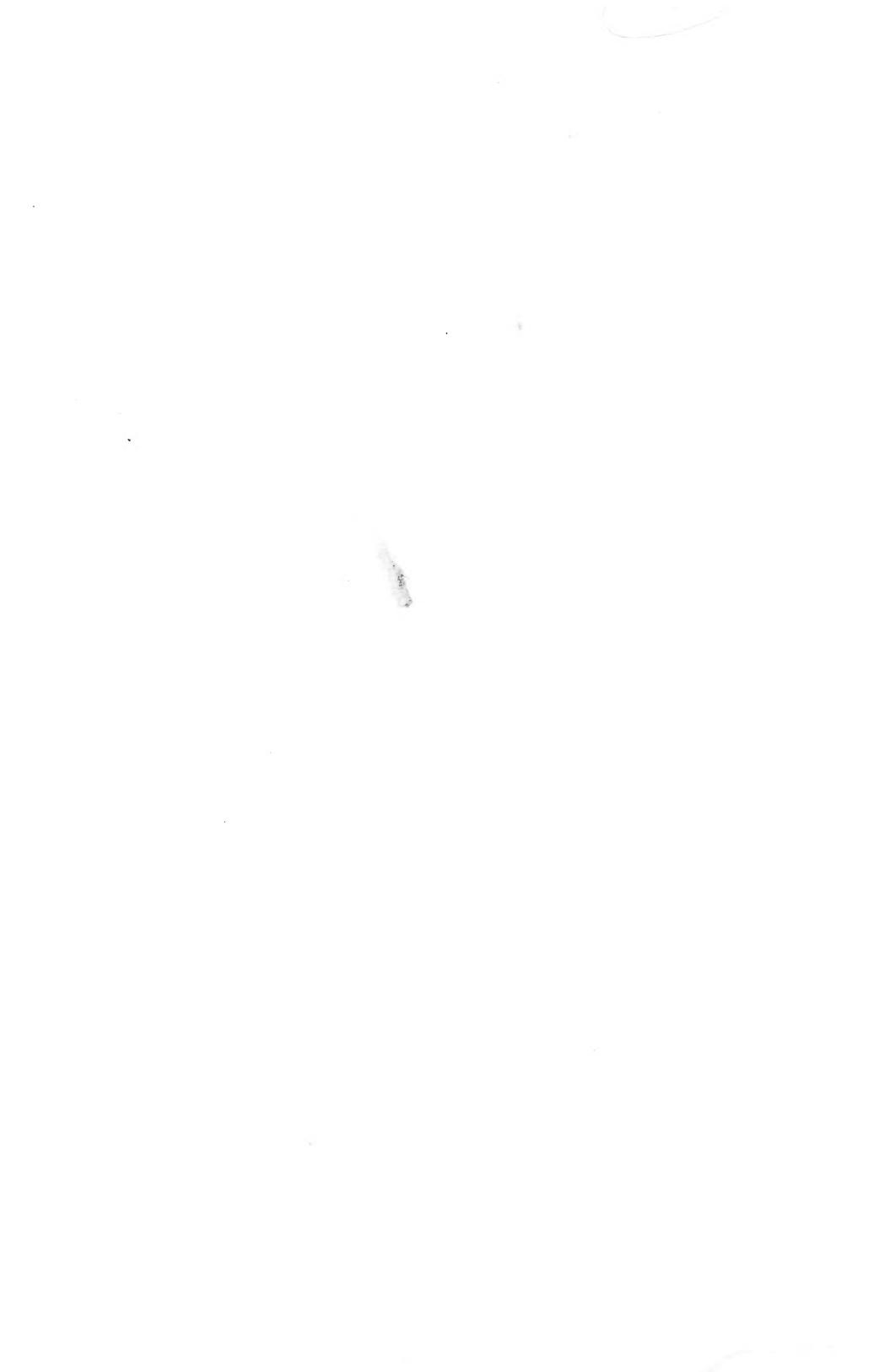
## Early

An old standby  
for either fall or s  
flat, as shown in  
skin pure white; 1  
pound, 45 cents, p

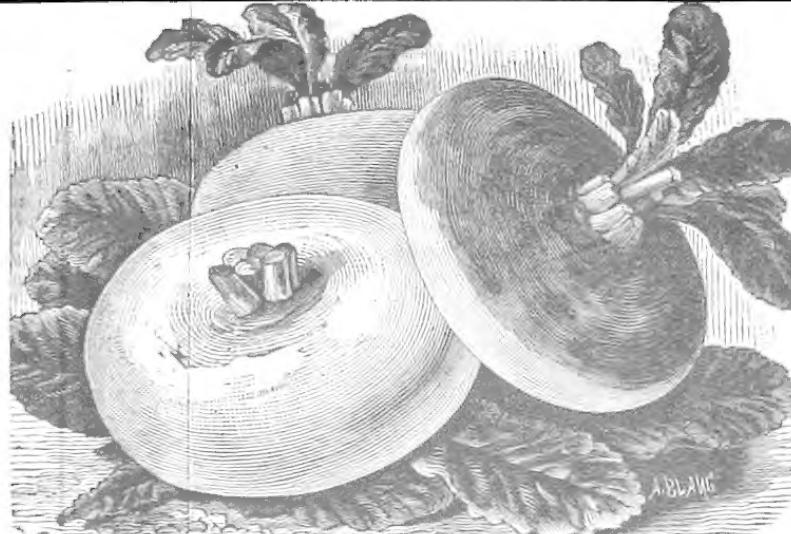
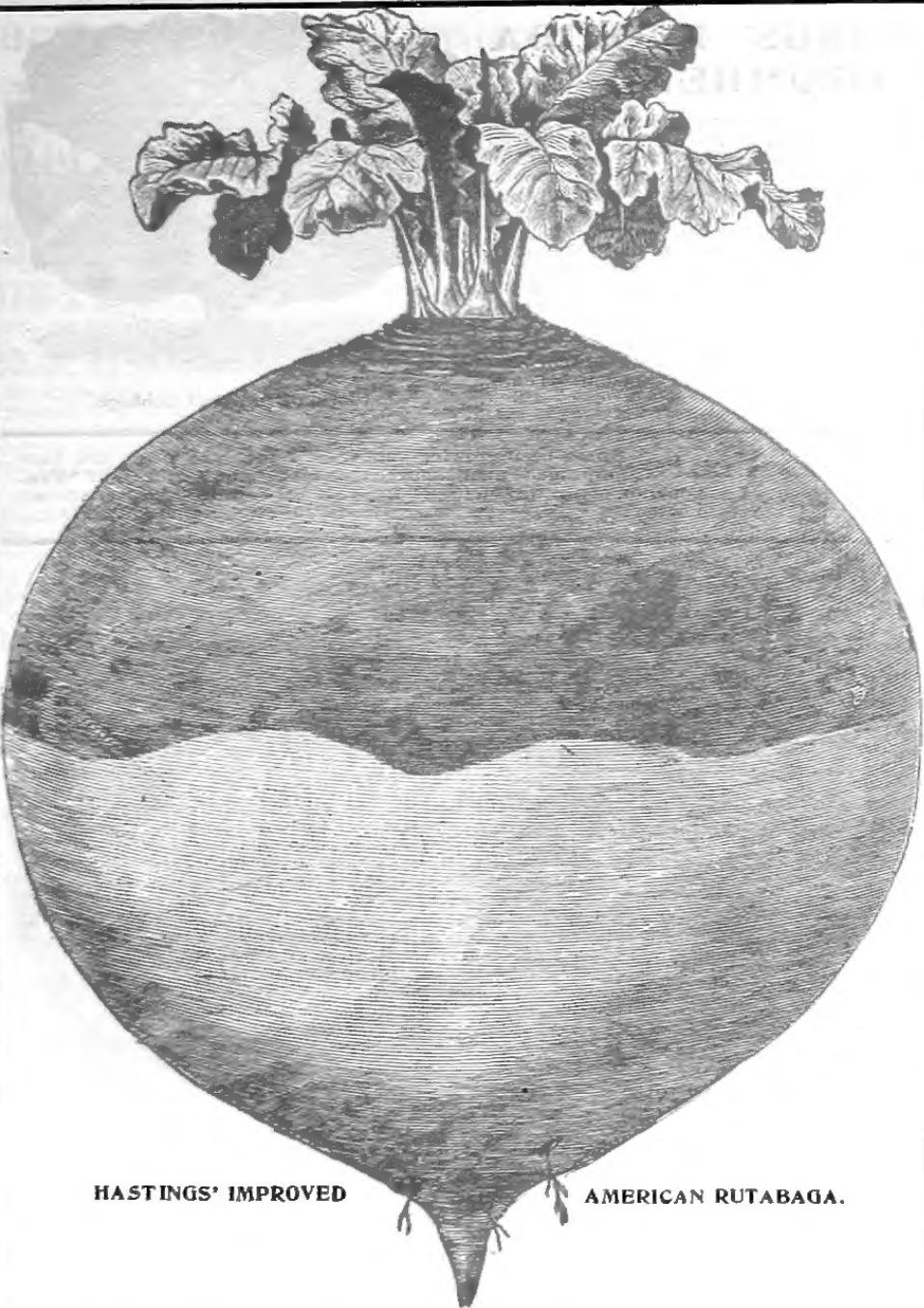
## Successfu

## REMI

7 Ounces - 7



# HASTINGS' BIG 7 TURNIP COLLECTION



## Hastings' Improved American Rutabaga

Rutabagas are the first things to be planted during the summer months. We make a specialty of high grade rutabaga seed. Our special strain of Improved American leaves nothing to be desired. Our Improved American is the best and heaviest cropper of all rutabagas for the South. This variety has been grown and improved for years to meet the wants and trade of the most critical gardeners. It is of fine form, with a rich purple colored top and yellow flesh of very pleasing appearance. Flesh is tender and sweet and exceptionally free from stringy, hard flesh. It has a comparatively small top, small and fine roots, and is a sure and heavy cropper. Those who grow rutabagas for late winter markets and stock feeding will find this a most excellent variety. If you grow rutabagas you cannot afford to be without our "Improved American." Ounce, 5 cents;  $\frac{1}{4}$  pound, 15 cents; pound, 50 cents, postpaid.

## Early White Flat Dutch

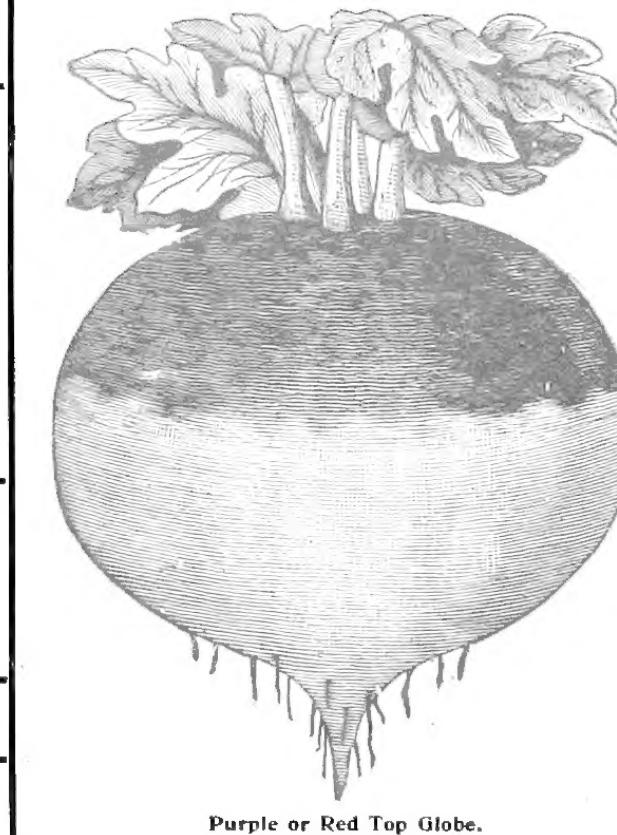
An old standby and one of the most popular early varieties in the South for either fall or spring plantings. Of medium size and a quick grower. Is flat, as shown in the illustration, with very small, fine tap root. Flesh and skin pure white; fine grained and sweet. Ounce, 5 cents;  $\frac{1}{4}$  pound, 15 cents; pound, 45 cents, postpaid.

## Successful Seeds for Southern Sowers

**REMEMBER** Our Prices Include  
POSTAGE PAID

## OUR BIG 7 Collection

Ought to be in every home garden in the South. It's a bargain in price and it's something that everyone wants to plant in the summer and fall. It gives you 7 ounces of turnip seed of the highest grade, of 7 of the best varieties of turnips—early, medium and late—giving a continuous supply through fall, winter and spring. No such offer has ever been made by any seedsman and you ought to take advantage of it. Remember, you get one ounce each of our Improved American Rutabaga, Purple or Red Top Globe, Early White Flat Dutch, Red or Purple Top Strap Leaf, Extra Early White Egg, Yellow or Amber Globe, and Seven Top, delivered at your postoffice for 25 cents. Seven varieties, all different, just what you need, at the lowest possible price they can be sold for.



## FOR WINTER AND SPRING "GREENS"



## Purple or Red Top Globe

The most popular variety in the South for general planting. It is medium early, globe-shaped, very handsome in appearance and an extra heavy cropper in all parts of the South. You cannot plant too many of them either for home use or market. It's always of good quality, a good keeper and a good seller in the market. Ounce, 5 cents;  $\frac{1}{4}$  pound, 15 cents; pound, 45 cents, postpaid.

## Extra Early White Egg

The finest flavored of all early turnips and with favorable seasons is ready for table use in six weeks from sowing. Skin and flesh are a pure snow white, solid, fine grained, sweet and a good keeper. Looks very attractive bunched for sale and gardeners with this variety have no difficulty in selling at top prices. Ounce, 5 cents;  $\frac{1}{4}$  pound, 15 cents; pound, 50 cents.

## Early Red or Purple Top

This is another popular variety of early flat turnip, being almost identical with the Flat Dutch except for the deep red or purple color of the skin at the top of the bulb. Known in many sections as the Purple Top Flat Dutch. It's a quick grower with very fine-grained, sweet flavored flesh. The red top of the bulb extending down to where it rests in the soil, adds very much to the attractive appearance of this popular variety. Ounce, 5 cents;  $\frac{1}{4}$  pound, 15 cents; pound, 45 cents.

## Yellow or Amber Globe

Sometimes called Yellow Stone. Undoubtedly the most handsome of the yellow sorts. Grown to a large size, flesh very firm, fine grained and keeps splendidly well into spring. Succeeds well when planted South in the fall. Ounce, 5 cents;  $\frac{1}{4}$  pound, 15 cents; pound, 45 cents.



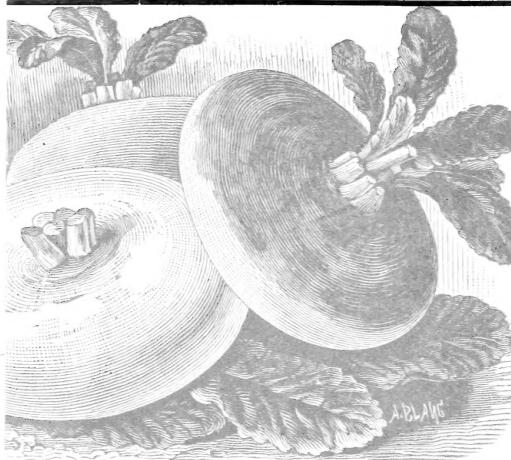
## Seven Top "Salad Turnip"

The most popular variety for winter and early spring "greens" in the South. Very hardy, growing all through the winter. Can be cut at all times, giving a supply of fresh vegetable matter at times when nothing else is available. Can be sown from August till December and in early spring. Ounce, 5 cents;  $\frac{1}{4}$  pound, 15 cents; pound, 40 cents.



# 7 Ounces - 7 Varieties - Postpaid 25 Cents

# BIG 7 TURNIPS



White Flat Dutch. Early Red or Purple Top.

## Is' Improved American Rutabaga

the first things to be planted during the summer months. It is of high grade rutabaga seed. Our special strain of Improved American leaves nothing to be desired. Our Improved American is the cropper of all rutabagas for the South. This variety has improved for years to meet the wants and trade of the most exacting market. It is of fine form, with a rich purple colored top and yellowing appearance. Flesh is tender and sweet and exceptionally hard flesh. It has a comparatively small top, and is a sure and heavy cropper. Those who grow rutabagas for market and stock feeding will find this a most excellent variety. You cannot afford to be without our "Improved American." Ounce, 5 cents;  $\frac{1}{4}$  pound, 15 cents; pound, 50 cents, postpaid.

## White Flat Dutch

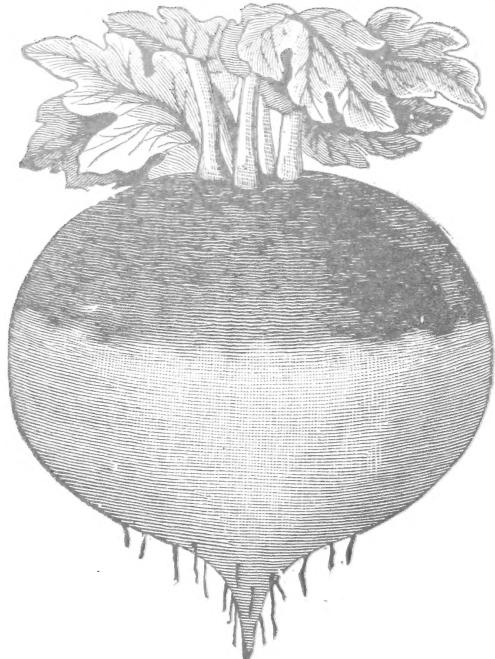
and one of the most popular early varieties in the South for spring plantings. Of medium size and a quick grower. Is shown in the illustration, with very small, fine tap root. Flesh and fine grained and sweet. Ounce, 5 cents;  $\frac{1}{4}$  pound, 15 cents; pound, 50 cents, postpaid.

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Ought to be in every home garden in the South. It's a bargain in price and it's something that everyone wants to plant in the summer and fall. It gives you 7 ounces of turnip seed of the highest grade, of 7 of the best varieties of turnips—early, medium and late—giving a continuous supply through fall, winter and spring. No such offer has ever been made by any seedsmen and you ought to take advantage of it. Remember, you get one ounce each of our Improved American Rutabaga, Purple or Red Top Globe, Early White Flat Dutch, Red or Purple Top Strap Leaf, Extra Early White Egg, Yellow or Amber Globe, and Seven Top, delivered at your postoffice for 25 cents. Seven varieties, all different, just what you need, at the lowest possible price they can be sold for.



Purple or Red Top Globe.

# Varieties - Pos

# Hastings' Successful Seeds For Summer and Fall Sowings

**RIGHT VARIETIES.    RIGHT QUALITY.    RIGHT PRICES.**

**SEEDS POSTPAID BY MAIL.** Remember that the prices given in this list include the delivery of all seeds by the packet, ounce, quarter-pound, pound, pint or quart, except where noted. Send us the amount named in this catalogue, and we guarantee safe delivery by mail in these quantities.

**LIBERAL PREMIUMS.** Please bear in mind that on seeds in packets and ounces only, except Cauliflower in ounces (no quarter-pounds, pounds, pints or quarts), the purchaser may select **25 cents** worth extra on each dollar sent. This does **not** apply to orders for collections, prices of which are net.

**COST OF SENDING MONEY.** In all cases where the order for seeds amounts to one dollar or more, the cost of postage or express money order or cost of registering the letters from places that are not money order offices, may be deducted from the amount.

**STAMPS.** On orders for seeds where the amount is less than 50 cents, we will accept postage stamps in good condition (one cent and two cent stamps preferred) the same as cash, but we would ask those remitting stamps to wrap them in oiled paper, if possible, to prevent them sticking together or to the order.

**SPECIAL EXPRESS RATES.** We have obtained from the Southern Express Co. a special express rate on seeds shipped from us to our customers. The special rate is equivalent to a reduction of about one-third from the regular rates, and on shipments of less than 30 pounds we can, in most cases, ship by express cheaper than by freight. As a rule, we can ship 15 pounds of seed or a peck of peas, or beans, or corn to any point reached by the Southern Express Co. for 35 cents. This does not apply to points on the Wells-Fargo, American or Pacific Express. The cost in those cases will be 35 cents for each company on a 10 or 15 pound shipment, making a charge of 70 cents for a point if handled by two different express companies.

(While we exercise the greatest care to have all seeds pure and reliable, we give no warranty, express or implied, and we will not be in any way responsible for the crop. If the purchaser does not accept the goods on these terms, they are to be returned at once, and any money that has been paid for them will be refunded. Every order received for articles in this catalogue will be filled on these conditions only.)

**H. G. HASTINGS & CO.**

## Palmetto Asparagus Seed.

Asparagus can be grown successfully in almost all parts of the South, and it is one of the most delicious vegetables. The Palmetto is a Southern variety and best adapted to our section. Seed can be sown in either the fall or spring, thinly in drills one foot apart. When well up, cultivate frequently and continue this until the plants are one year old. In transplanting, put the roots 18 inches apart each way, and the crown of the root 4 inches below the surface. Use your richest piece of ground for Asparagus, and remember that you cannot use too much manure on the plants. Packet, 5 cents; ounce, 10 cents;  $\frac{1}{4}$  pound, 20 cents; pound 60 cents.

## Palmetto Asparagus Roots.

Save 1½ to 2 years' time in getting your Asparagus bed in condition to cultivate by the use of our splendid large 2-year-old Palmetto Asparagus Roots. Plant them in November and December. While a little more expensive than planting the seed, yet the time saved and the generally more satisfactory growth makes it well worth while to use the roots. Prices, 50 roots, 85 cents; 100 roots, \$1.50; postpaid. By express or freight, not prepaid, per 100, 75 cents; per 1,000, \$6.00; per 10,000, \$50.00.

## French Globe Artichoke.

A vegetable little known or liked by Americans, but highly prized by the French and Italians. This variety is for table use only. Best imported French seed. Packet, 10 cents; ounce, 30 cents;  $\frac{1}{4}$  pound, \$1.00; pound, \$8.50.

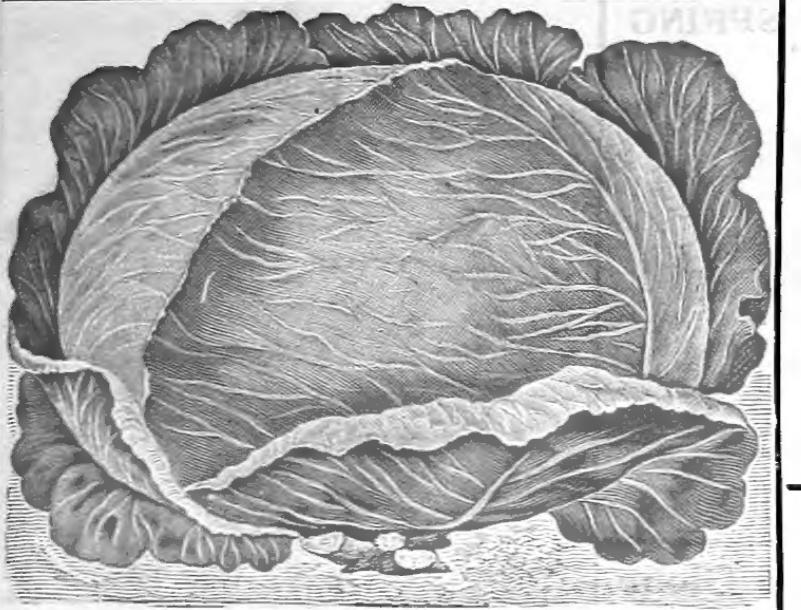
## Jerusalem Artichoke—The Great Hog Food.

The Southern farmer who grows hogs and does not grow artichokes is neglecting a most important hog-feeding crop. It is a most valuable food for hogs, fattening them quickly, and it is said by many hog raisers that a hog fed on artichokes has never been known to have cholera. They are fully adapted to Southern plantings, growing and increasing through the entire season. They are grown from tubers, the same as with Irish potatoes. It requires 6 bushels to plant an acre. On very rich land they have produced 1,000 bushels per acre. Turn the hogs into the field and they will harvest them. It has usually been customary to plant them during the spring months, but we believe that late fall and winter planting, especially in the lower South, is advisable, and that better results can be obtained. The tubers are hardy, staying in the ground all winter without damage from freezing, and they stand shipment better during winter than in the spring. We can supply artichokes after November 15th, and can book your order at any time before that date. If you order artichokes earlier than that, do not expect shipment earlier than November 15th. Kindly remember that we can not ship before the crop is harvested. Pound, postpaid, 25 cents; 3 pounds, 65 cents. By freight or express, not prepaid, 50 cents peck; \$1.50 per bushel; barrel (about 3 bushels), \$3.50.



**Jerusalem Artichoke.**

# HASTINGS' BIG 4 CABBAGE COLLECTION



Hastings' Surehead Cabbage.

## Hastings' Surehead Cabbage

We have sold a great many thousand pounds of seed of our Genuine Surehead Cabbage during the past nine years, and it is today the most popular cabbage for main crop that we have on our list. Our special strain of Surehead (Premier Brand Seed) never fails to make fine, large solid heads with few outer leaves, as shown in our illustration. Surehead is the result of a cross between the Early Flat Dutch and a hardy Drumhead variety, and has the good points of both combined. It's a strong, vigorous grower, maturing for main crop, and is very uniform in size, shape and color. It's good for spring planting everywhere, and better for summer planting in the Central South and fall planting in the Lower South, for maturing in fall and winter. It's hardy and a good keeper and a good shipper. Invaluable for the home garden and one of the best for market. No Southern summer and fall garden should be without some of our Surehead Cabbage in it. **Premier Brand Seed.** Packet, 5 cents;  $\frac{1}{2}$  ounce, 15 cents; ounce, 25 cents;  $\frac{1}{4}$  pound, 60 cents; pound, \$2.00.

## HASTINGS' LONG ISLAND WAKEFIELD CABBAGE

The largest, earliest, surest header of any of the large Wakefield strains. Earlier, larger and finer bred than any of the strains of Charleston Wakefield. One and a half to two pounds heavier, firmer, better shape and more solid than the Early Jersey Wakefield. In good soil and with favorable weather conditions it is often ready for use in 50 days from transplanting. It is a gem for those desiring a first-class pointed cabbage. **Premier Brand Seed.** Packet, 10 cents;  $\frac{1}{2}$  ounce, 15 cents; ounce, 25 cents;  $\frac{1}{4}$  pound, 75 cents; pound, \$2.50.

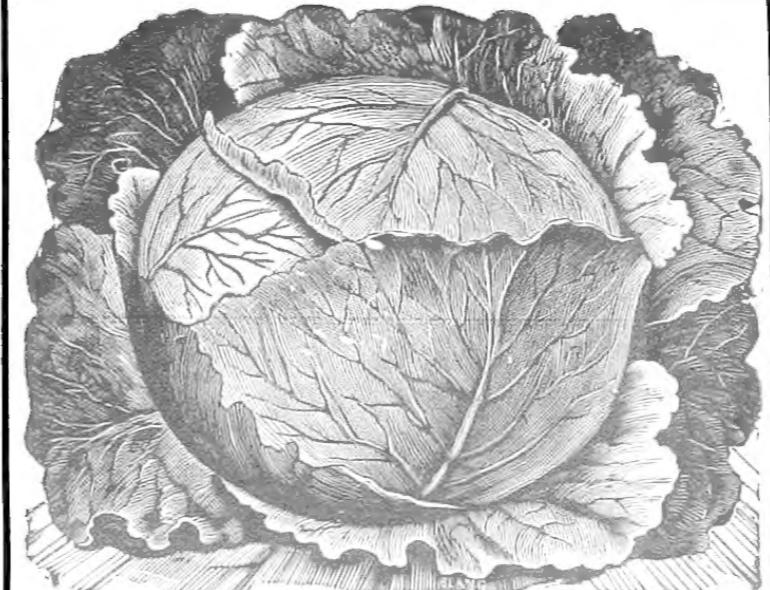
## What Is Hastings' Big 4?

It's the biggest bargain in cabbage seed ever offered by anyone. It's just what is needed in every garden in the South for both summer and spring planting, and is planted by most of our regular customers every year. We send out tens of thousands of these collections annually and the demand constantly increases. It's popular with all planters who have used it for several reasons. It gives a succession crop of cabbage in every garden, no two of the varieties maturing at the same time. It gives every market gardener a chance to test four superb market varieties at a small cost. The 25 cents spent for this "Big 4" Collection gives the buyer greater returns for the money spent, in the way of a cabbage crop, than he can get from any other seed house in the country. Every seed that goes into these collections is from our "Premier Brand" stock, the finest in the world.

Our "Big 4" Collection consists of one large packet each of our prize cabbages for the South. **Sure Crop, Long Island Wakefield, Florida Drumhead and Centennial Flat Dutch.** This has for years been known as our "Big 4" Collection. It's popular from the Atlantic Ocean on the east to Arizona on the west, from Kentucky on the north to Cuba on the south. We are going to make it more popular this season by giving absolutely free with every "Big 4" Collection ordered a large packet of the always popular **Genuine Surehead Cabbage.** By ordering our "Big 4" now you will get the very best there is to be had in cabbage, almost at half price. At full catalogue prices these 5 packets would cost you 45 cents. In this collection you get them for 25 cents. You get more returns from your money in this collection than anything you can get from any seed house.



Hastings' Long Island Wakefield Cabbage.



Hastings' Sure Crop Cabbage.

## Sure Crop Cabbage

This is the earliest of all the large, round flat varieties. We have sold it for more than a dozen years in every state in the South. It is adapted for both fall and spring planting; for shipment, nearby markets and home use. On good soil and with proper cultivation it makes heads weighing from 8 to 12 pounds, very firm and solid, uniform in shape and size, well flattened on top. Quality is excellent, being crisp and tender, and when rightly cared for scarcely a plant will fail to form a good marketable head. Color a dark green, holding up well after being cut. It is a first-class variety for July and August planting in Georgia, Alabama, Mississippi and Louisiana for maturing in late fall and early winter, as well as for August, September and October planting in Florida and Texas.

**Premier Brand Seed.** Large packet, 10 cents;  $\frac{1}{2}$  ounce, 15 cents; ounce, 25 cents;  $\frac{1}{4}$  pound, 60 cents; pound, \$2.00.

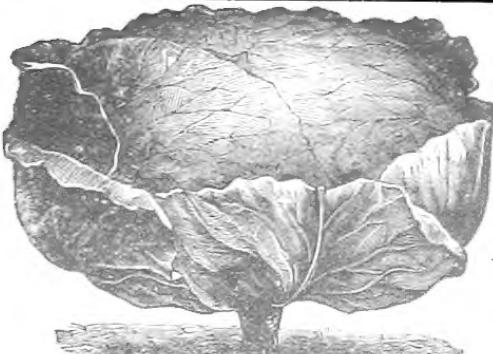
## Centennial Late Flat Dutch

Our best variety of Large, Late, Flat Dutch Cabbage. It is a good, reliable header, admirably adapted to all parts of the South. It is large and solid, weighing 10 to 20 pounds, according to soil and cultivation. It is a good variety for spring planting anywhere in the South, to mature after early varieties have gone. It is very resistant to cold as well as heat, and will be found especially valuable to those desiring to plant in summer and fall for maturity in winter. There is no variety equals it in ability to stand severe frosts and freezes. This does not, however, detract from its value for spring planting, as it withstands heat well. **Premier Brand Seed.** Large packet, 10 cents;  $\frac{1}{2}$  ounce, 15 cents; ounce, 25 cents;  $\frac{1}{4}$  pound, 60 cents; pound, \$2.00.

## HASTINGS' FLORIDA DRUMHEAD

Another favorite with our gardeners. For eleven years it has proven superior to all other Drumhead varieties. It is the earliest Drumhead cabbage and no other compares with it in ability to resist both heat and cold. No one who wants especially fine flavor in cabbage can afford to be without it, and its popularity as a cabbage for summer and fall planting grows each year. A short stemmed, medium early cabbage which grows very compactly, the leaves turning in closely to make the head and can be planted more closely than most Drumhead varieties. Large, very solid, round and flattened on top, weighing from 10 to 25 pounds on good soil.

**Premier Brand Seed.** Packet 10 cents;  $\frac{1}{2}$  ounce, 15 cents; ounce, 25 cents;  $\frac{1}{4}$  pound, 60 cents; pound, \$2.00; postpaid.



Florida Drumhead Cabbage.

**Best in 35 Years** I have been growing cabbage for nearly 35 years, and have never made finer cabbage than crops grown from your "Premier Brand" seed. I do not know of any way of improving your cabbage seed. They are not only cheaper, but I find them better.

W. R. JOHNSON, Haines City, Fla.



Centennial Late Flat Dutch

# And a Packet of Surehead 25 Cents, Postpaid



# Very Few Bush Beans.

The past year was the most disastrous ever known in the seed trade on crops of seed bush beans, and July 1st sees practically all stocks of seed beans of desirable varieties for the South sold out. We have not a single bushel of any Wax variety left, nor have we been able to purchase any from other seedsmen, all of them reporting "Sold Out."

In green podded varieties we have a limited supply of Round Podded Extra Early Valentine, Excelsior Refugee, and Late Refugee, or 1,000 to 1.

Prices have naturally advanced under such conditions. 1904 crop beans will not be ready for delivery before December.

## WARNING

There are between 500 and 600 bushels of flat-podded Valentine Beans on the market. These will be offered this summer and fall at comparatively low prices. Look out for them. There is a dead loss for the planter in every bushel of them planted.



Hastings' Excelsior Refugee Beans.

## Hastings' Excelsior Refugee.

One of the best green round-podded beans for the South. Why it has never superseded the Valentine we are at a loss to understand, for it is certainly a much better bean. It is a vigorous grower and a prolific bearer, tender and of the finest quality. Pods are well rounded out and make a fine appearance in market. In shipping they stand up better and arrive in Northern markets with a fresh look that makes them a quick seller. It will be found especially desirable in very wet or very dry seasons, this variety notwithstanding adverse conditions of weather with but slight damage. We recommend it fully. It comes in about the same time as Valentine. Packet, 10 cents;  $\frac{1}{2}$  pint, 15 cents; pint, 30 cents; quart, 50 cents; postpaid. Peck, \$2.00; bushel, price on application.

## Use Bug Death

### Improved Round-Pod Refugee.

to 2 weeks as Excelsior Refugee and Valentine, its heavy cropping qualities and resistance to drought make it a favorite for late summer and fall planting. Pods good size, meaty and tender, holding up well in shipping long distances. It continues in bearing several weeks longer than the early strains. Packet, 10 cents;  $\frac{1}{2}$  pint, 15 cents; pint, 25 cents; quart, 45 cents; postpaid. Peck, \$2.00; bushel, price on application.

### Extra Early Red Valentine.

We have not a very large stock of Valentine Beans at this time, but what we have are the genuine round podded stock, the only kind of Valentine that's fit to plant. There are but few round-podded Valentines obtainable this summer and fall, and there are plenty of the old run-out type of flat pods which will be offered at a low price. You don't want to plant anything but the genuine. The difference in the appearance of the true and this spurious stock is so slight that it can only be detected by expert seedsmen. We have no Valentine Beans that are not true stock, thoroughly developed and round podded. The pods are of fine quality, thick and meaty. Very uniform in ripening and considered one of the most profitable for gardeners all through the South. For purity and high germinating qualities, our Valentine stock is excelled by none and equalled by few. Packet, 10 cents;  $\frac{1}{2}$  pint, 15 cents; pint, 25 cents; quart, 50 cents; postpaid. Peck, \$2.00; bushel, price on application.

### The Stringless Green Pod.

The only absolutely stringless, green, round-podded bean, stringless at all stages of growth. It surpasses all other beans in crisp, tender qualities and fine flavor. It makes a beautiful appearance with its long, smooth green pods. It is a strong, vigorous grower and immensely prolific. It is earlier than the Valentine and continues to bear long after that and other varieties have gone, the pods retaining their superb eating and stringless qualities to the last. It is beyond question one of the best beans ever introduced and a most profitable variety to grow, combining as it does the heaviest production with the best quality. Our supply of the Stringless is very limited and we can only offer it in small quantities this summer and fall. Packet, 10 cents;  $\frac{1}{2}$  pint, 20 cents; pint, 30 cents; quart, 50 cents; postpaid.

## Hastings' Seeds Are Successful Seeds

Stamp of Issuing Office

Form No. 6001.

**DOMESTIC.**

Dollars      Cents

100

cents

No. ....

**S** and **Fee** and **Postage** a

Space above this line is for the Postmaster's record, to be filled by him.

## Application for Money Order.

Amount ..... Dollars ..... Cents.

**Sent to** ..... H. G. HASTINGS & CO.,

**City or town** ..... ATLANTA,

Street and No. ....

State ..... Georgia.

**Sent by** .....

Address of sender: No. .... Street.

## **Fees Charged for Money Orders**

Payable in the United States (which includes Guam, Hawaii, Porto Rico and Tutuila, Samoa); also for Orders payable in Canada, Cuba, Newfoundland, the United States Postal Agency at Shanghai (China), and the Philippine Islands.

For Orders for sums not exceeding \$2.50	.....	3 cents.
If, over \$ 2.50 and not exceeding \$ 5.00	.....	5 cents.
"    \$ 5.00 and not exceeding \$ 10.00	.....	8 cents.
"    \$10.00 and not exceeding \$ 20.00	.....	10 cents.
"    \$20.00 and not exceeding \$ 30.00	.....	12 cents.
"    \$30.00 and not exceeding \$ 40.00	.....	15 cents.
"    \$40.00 and not exceeding \$ 50.00	.....	18 cents.
"    \$50.00 and not exceeding \$ 60.00	.....	20 cents.
"    \$60.00 and not exceeding \$ 75.00	.....	25 cents.
"    \$75.00 and not exceeding \$100.00	.....	30 cents.

**Memoranda of Issuing Postmaster:**

NOTE.—The maximum amount for which a single Money Order may be issued is \$100. When a larger sum is to be sent additional Orders must be obtained. Any number of Orders may be drawn on any Money Order office; but, if Orders are drawn in excess of \$100 on any one day upon an office of the 4th class, notice of the fact by letter (or Form 6037) is to be promptly sent the Department by the issuing Postmaster so that provision may be made for payment.

Applications must be preserved at the office of issue for four years from date of issue.

[EDITION October 1, 1902.]

# POLE BEANS.

**Texas Prolific.**

**Old Homestead.**

**Kentucky Wonder.**

It will pay you to plant this superb pole bean this summer. Planted at this season it will mature full-grown pods in 45 to 50 days and continue to bear until frost. Plant it so that the vines can run on poles, trellises, fences or cornstalks, and you will be both surprised and pleased at the enormous yield. Pods are round, green and grow 6 to 12 inches long. They are well rounded out, meaty and stringless. Immensely prolific, a peck measure full often being picked from a single vine, our illustration giving you a good idea of its productiveness. If you have never grown it, try some of it this season. This bean is sold under all three names, but we are convinced that these three names all belong to the same bean. Packet, 10 cents;  $\frac{1}{2}$  pint, 20 cents; pint, 30 cents; quart, 50 cents; postpaid. Peck, \$2.25; bushel, \$8.00.

**Early Golden Cluster Wax.**

**Lazy Wife's Pole.**

**Southern Creaseback.**

**Willow Leaf Lima.**

**Small White Lima.**

**Large White Lima.**

Each 10 cents packet;  $\frac{1}{2}$  pint, 20 cents; pint, 30 cents; quart, 50 cents; postpaid.

# Bush Lima Beans.

**Thorburn Bush Lima.**

**Burpee Bush Lima.**

Each 10 cents packet;  $\frac{1}{2}$  pint, 20 cents; pint, 30 cents; quart, 50 cents; postpaid.

# The Southern Ruralist

## Broccoli.

This vegetable is closely allied to the cauliflower from which it is supposed to have come. Its culture is the same as for cauliflower, and in the Southern States is a much surer header. There are many deterred from growing cauliflower from the high price of the seed. To these we recommend a trial of Broccoli. There are two varieties that do well in the South, the only difference being in the color of the heads.

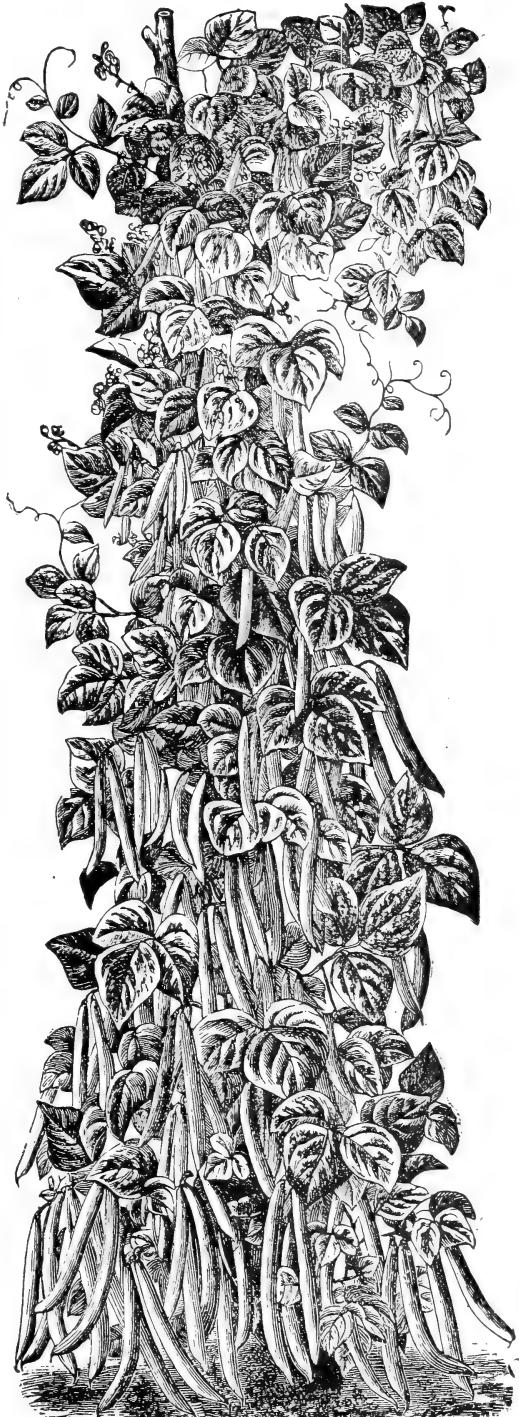
**White Cape**—Packet, 10 cents;  $\frac{1}{2}$  ounce, 15 cents; ounce, 25 cents;  $\frac{1}{4}$  pound, 75 cents.

**Purple Cape**—Packet, 10 cents;  $\frac{1}{2}$  ounce, 20 cents; ounce, 30 cents;  $\frac{1}{4}$  pound, \$1.00.

## Brussels Sprouts.

Brussels Sprouts are highly esteemed. The "sprouts" resemble miniature cabbage grown closely on the stalk of the plant, a small head, a sprout, being formed at each leaf joint. Seed should be sown thinly in drills July to November, and when the plants are 6 inches in height they should be transplanted to rich soil, setting them in rows 3 to 4 feet apart and the plants 18 inches to 2 feet apart in the row. Packet, 5 cents; ounce, 20 cents;  $\frac{1}{4}$  pound, 50 cents; pound, \$1.50.

Free for one year  
as a premium on  
every order for  
\$1.00 or over from  
this catalogue



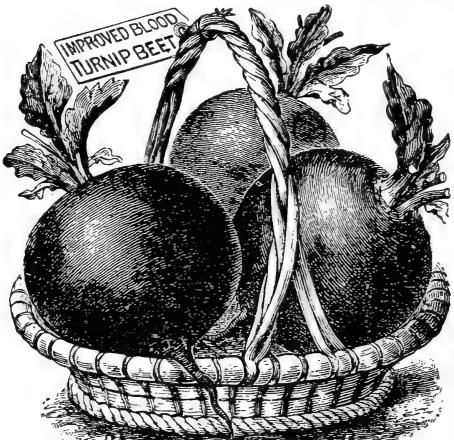
Texas Prolific—Old Homestead—Kentucky Wonder.

# Hastings' French Grown Beet Seed.

Extremely careful tests have shown us that the best beet seed in the world for planting in the South comes from a certain grower in France. This seed which is specially grown for us in France, and imported by us direct, germinates better, produces smoother and tenderer roots than beet seed from any other grower. It's as near perfection as we have ever seen. Our well-known policy of getting everything of the very best leads us to place all our growing contracts for beet seed with the French grower. While it costs us a little more than we can buy seed from elsewhere, yet the rapid increase in our sales fully repays us for this extra cost. If you want to grow the best in beets, plant our French grown seed.

**Culture**—Sow in rich or well-manured ground after same has been deeply plowed or spaded. Sow in rows 18 inches to 2 feet apart. Sow thinly in the rows in this latitude from early spring up to August 15th, and later further South. In Florida, sow from September to December. The seed is rough and soil should be firm or rolled after planting. When 2 or 3 inches high thin out to 5 or 6 inches apart in the row. The young plants are superior to turnips and spinach for greens. In light, sandy soil cover seed 2 inches; in stiff or clay soils, not over 1 inch.

## Hastings' Improved Blood Turnip Beet.



Hastings' Improved Blood Turnip Beet.

The most popular variety for home use and near-by markets. There are but few of our many thousands of customers who do not plant it and find that it gives perfect satisfaction. It is an improvement by our grower in France over the Early Blood Turnip Beet. Color is a deep, bloodred. Of fine, even form, very uniform in growth, medium early and productive. Tender, entirely free from stringiness and very sweet. Good for either home or market use and a most valuable variety for succession sowings. Packet, 5 cents; ounce, 10 cents;  $\frac{1}{4}$  pound, 25 cents; pound, 65 cents; postpaid. 10 pounds, not prepaid, \$4.50.

## Extra Early Egyptian.

An extra early market gardener's beet. A quick grower, producing smooth, rather flattened turnip-shaped roots. When young the flesh is tender, but soon becomes stringy when old. Packet, 5 cents; ounce, 10 cents,  $\frac{1}{4}$  pound, 20 cents; pound 55 cents; postpaid. 10 pounds, not prepaid, \$4.

## Eclipse Blood Turnip Beet.

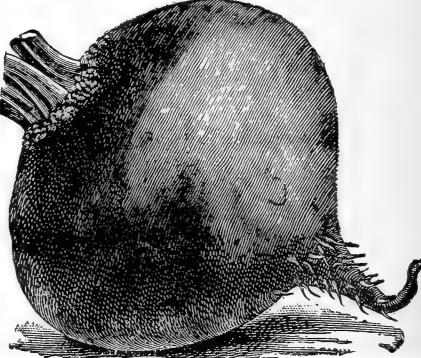
A most popular market gardener's beet for the South as well as a favorite for home gardens. Of remarkably fine form, smooth and free from stringy roots. Small top and a rapid grower. Color a deep blood red which it retains fully after being cooked. Quality extra fine, sweet and tender. A heavy cropper and its handsome appearance makes it an easy seller when placed on the market. Packet, 5 cents; ounce, 10 cents;  $\frac{1}{4}$  pound, 20 cents; pound, 55 cents; postpaid. 10 pounds, not prepaid, \$4.00.

## Lentz' Extra Early Beet.

This variety is becoming very popular with many of our market gardeners, both for shipment and near-by market, many of them preferring it to Eclipse. It is certainly a splendid variety. Nearly as early as the Egyptian, but larger and of extra fine quality. Color a dark blood red, tender and sweet at all stages of growth. Has small top and with favorable seasons can be used in six weeks from sowing. Very productive, a splendid keeper and shipper. Gardeners, either for home use or market, will make no mistake in planting Lentz, if they want a first quality, extra early beet. Packet, 5 cents; ounce, 10 cents;  $\frac{1}{4}$  pound, 20 cents; pound, 55 cents; postpaid. 10 pounds, not prepaid, \$4.

## Long Smooth Blood Beet.

An old-time favorite in the South. Has long, smooth, blood red roots, going well down into the soil, enabling it to resist drought and heat. A few of these ought to be in every garden for late use after other varieties are gone. Flesh very tender and sweet. Packet, 5 cents; ounce, 10 cents;  $\frac{1}{4}$  pound, 20 cents; pound 55 cents.



Lentz' Extra Early Beet.

## Half Long Blood Beet.

Another favorite for late use. It is intermediate in length between our Improved Blood Turnip Beet and the Long Smooth. In color it is a deep blood red, smooth and free from stringy roots. In quality it is tender and sweet, and remains in good condition for several weeks after maturity. You will be pleased with it. Packet, 5 cents; ounce, 10 cents;  $\frac{1}{4}$  pound, 20 cents; pound, 60 cents.

## Hastings' Beet Seed

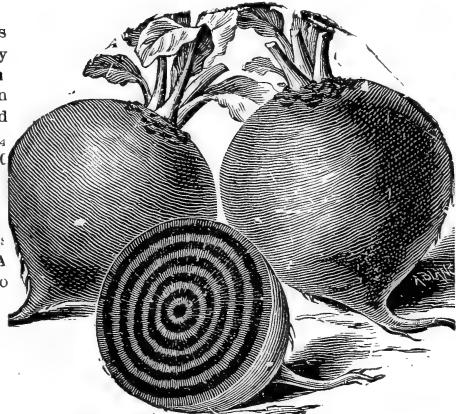
Is grown entirely from carefully selected and transplanted roots by the best seed grower in France. That's why our beet seed produces such smooth, shapely, tender roots. It's the very best you can get.

### Hastings' Crimson King.

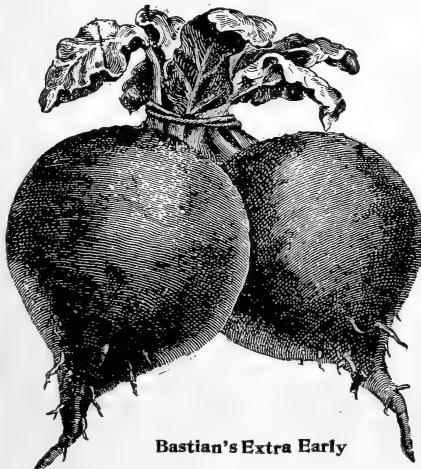
Another favorite. One of the earliest and sweetest beets for the South. Thousands of our customers plant it every year, and the demand for it is a constantly increasing one. In favorable seasons Crimson King is often ready for table use in six weeks from sowing. Our illustration shows its shape and uniformity perfectly. Packet, 5 cents; ounce, 10 cents;  $\frac{1}{4}$  pound, 20 cents; pound, 60 cents; 10 pounds, not prepaid, \$1.50.

### Extra Early Bassano.

A very early, almost flat variety of beet of high table quality when young, but soon becomes tough and stringy. It has alternate rings of rose and flesh color, regularly arranged. A good variety for early spring use. Packet, 5 cents; ounce, 10 cents;  $\frac{1}{4}$  pound, 20 cents; pound, 55 cents.



Hastings' Crimson King Beet.



Bastian's Extra Early

### Bastian's Extra Early Beet.

An early, large size turnip-shaped beet of the brightest red color, beautifully zoned with rings of lighter color. Profitable for either home or market use, and of the very best quality. Packet, 5 cents; ounce, 10 cents;  $\frac{1}{4}$  pound, 20 cents; pound, 55 cents.

### Yellow Turnip Beet.

This is almost identical with our Improved Blood Turnip Beet except in color, which is a deep yellow. Slices of this alternated with red beets make a pleasing show on the table. Packet, 5 cents; ounce, 10 cents;  $\frac{1}{4}$  pound, 25 cents; pound, 75 cents.

### Swiss Chard or Sea Kale.

A beet grown for the leaves only. The mid-rib of the leaf cooked and served like asparagus. The other portions are cooked and served like spinach. This does not make a good root. Packet, 5 cents; ounce, 10 cents;  $\frac{1}{4}$  pound, 20 cents; pound, 60 cents.

### Jumbo Mangel and White French Sugar Beet.

For stock feed only. Ounce, 5 cents;  $\frac{1}{4}$  pound, 15 cents; pound, 40 cents; postpaid.

## The Southern Ruralist

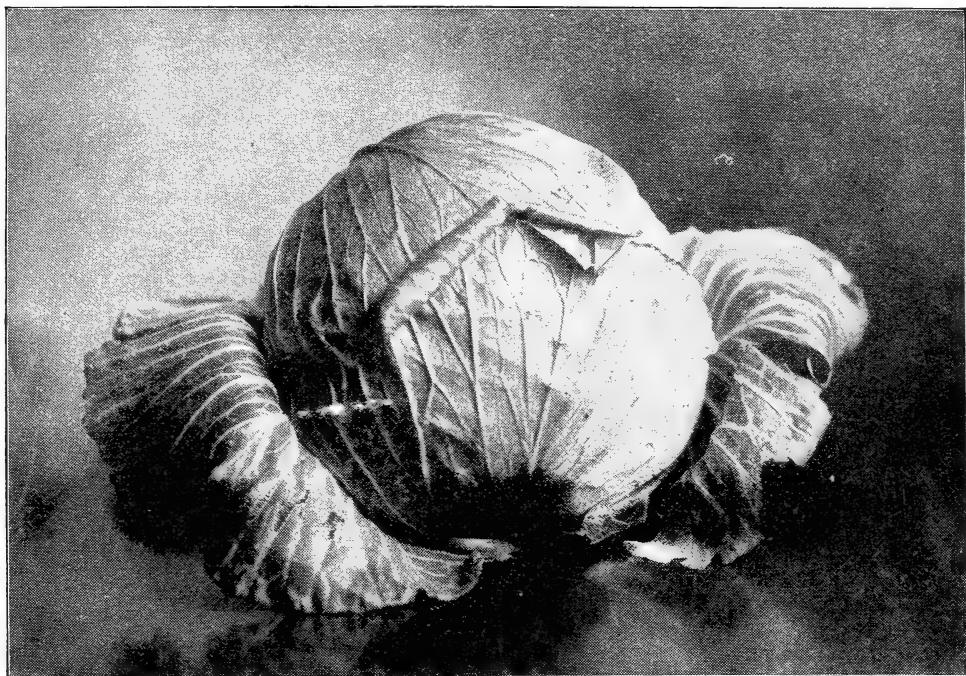
Every Southern farmer and gardener needs a good, practical, common-sense farm paper, edited and published by a practical Southern farmer. THE SOUTHERN RURALIST is just such a paper. It is published exclusively for Southern farmers and gardeners. It is full of farm facts. It contains no impractical theories. It's just what you need.

### A Farm Paper

It is edited by Mr. F. J. Merriam, a practical farmer. He makes his living on his own farm. He has the same obstacles and discouragements that you have in your work. He tells you through THE RURALIST how he conducts his farm work; how he grows crops; he tells of his success and failures; how he overcomes the obstacles and discouragements; how he makes not only a living but a profit and adds to the value of his farm every year. We are giving a year's subscription to THE SOUTHERN RURALIST free as a premium on every order for seeds or the amount of \$1.00 or over this year. Send us your seed order and get THE RURALIST free this year. If you don't want a dollar's worth of seeds, send us your order for what you do want and add 20 cents to it and we will pay for a year's subscription for you with it. Through us you can get a year's subscription at two-fifths of the regular subscription price.

**Edited on a Farm, Free**

# Hastings' Premier Brand Cabbage Seed.



A single head of "ALL-HEAD EARLY," grown near Atlanta, Ga.  
From Hastings' "PREMIER BRAND" Cabbage Seed.

## You Can Grow Cabbage Like This.

The word "Premier" means "the highest" or "the first." That's why we named our present grade of cabbage seed "Premier Brand." It does not apply to one variety alone but to every variety in this catalogue. It is not the name of any one variety but a word standing for the highest possible quality that can be grown, and this same highest quality is found in every variety. We now sell the highest grade of cabbage seed of any seed house in the country.

It took us years to get to the point that we could get this "Premier Brand" grown, but we now have it, something of so high a grade that you can't get it of anyone else. It is grown for us exclusively by the best cabbage seed grower in America.

Every head of cabbage from which our "Premier Brand" of seed is grown is carefully selected. **Every head that is not absolutely true in shape, size and solidity is thrown out and destroyed.** Every head that does not come up to the standard of the most exacting cabbage seed grower in the country is rejected. In this way every ounce of seed produced is what is known as "stock seed" among the seed growers. Every variety of cabbage seed in this catalogue is grown under those conditions. No matter what variety you buy from us you get the very best seed. No seedsman North, South, East or West has it. It's grown for H. G. Hastings & Co., of Atlanta, exclusively. It costs us from 100 to 200% more to grow it than the grades sold by other seedsmen, but it pays us to get for our customers the best that can be grown. Nothing is too good for them. We began selling our "Premier Brand" cabbage seed three years ago. Since that time our sales of cabbage seed alone have more than doubled each season. It's because we furnish the best. "Premier Brand" cabbage seed would be cheap at \$10 per pound compared with the grade sold by many other seedmen at from \$1.25 to \$2 per pound and which costs less than one-half as much to grow.

Look at the above picture taken from a photograph. It's as pretty a head of cabbage as can be grown. It did not have special treatment. It is simply a head of cabbage taken from a market gardener's crop grown from Hastings' "Premier Brand" seed. If you are a good gardener and will give your crop good, careful cultivation, you can have just as good cabbage as this, if you will plant "Premier Brand" Seed.

**How to Grow Cabbage :** Our 16-page pamphlet, giving full cultural directions for growing cabbage successfully in the Southern States, sent if you ask for it

# Hastings' All-Head Early Cabbage

A superb early flat-headed variety. Hastings' strain of the All-Head Early is the finest in existence for a medium sized, early flat cabbage. The illustration on the opposite page is reproduced from a photograph of a single head of All-Head Early, grown by one of the market gardeners near Atlanta. It is practically impossible to grow a finer head of cabbage than this is. It is an extra early flat head variety, being one week earlier than Early Summer, and heads up firmly with half a chance. It makes but few outer leaves and is a fine variety for late summer and fall planting. Packet, 5 cents;  $\frac{1}{2}$  ounce, 15 cents; ounce, 25 cents;  $\frac{1}{4}$  pound, 60 cents; pound, \$2 00; postpaid.

## "SEQUENCE," A MARKET GARDENER'S CABBAGE.

Sequence is largely a market gardener's variety, in many parts of the South, being used almost exclusively for shipment North. It is of rather large size, well flattened on top. In maturity it is almost 10 days later than Early Summer and Early Flat Dutch, but is nearly double the size of those varieties. Is firm and solid, a very sure header and stands shipment to the North, arriving in good condition and color. Sequence is a good variety and a favorite in many parts of Florida, Georgia, Louisiana and Texas for late summer and fall planting. We furnish you the highest grade obtainable in seed of this variety, Premier Brand Seed. Packet, 5 cents;  $\frac{1}{2}$  ounce, 15 cents; ounce, 25 cents;  $\frac{1}{4}$  pound, 60 cents; pound, \$2 00.

**RIGHT PRICES**  
**RIGHT SEEDS**  
**RIGHT CROPS**



Sequence Cabbage.

**Genuine Surehead.** For description and illustration see special cabbage page in first part of catalogue. Packet, 5 cents;  $\frac{1}{2}$  ounce, 15 cents; ounce, 25 cents;  $\frac{1}{4}$  pound, 60 cents; pound, \$2 00.

**Hastings' Sure Crop.** For description and illustration see special cabbage page in first part of catalogue. Packet, 10 cents;  $\frac{1}{2}$  ounce, 15 cents; ounce, 25 cents;  $\frac{1}{4}$  pound, 60 cents; pound, \$2 00.

**Centennial Flat Dutch.** For description and illustration see special cabbage page in first part of catalogue. Packet, 10 cents;  $\frac{1}{2}$  ounce, 15 cents; ounce, 25 cents;  $\frac{1}{4}$  pound, 60 cents; pound, \$2 00.

**Long Island Wakefield.** For description and illustration see special cabbage page in first part of catalogue. Packet, 10 cents;  $\frac{1}{2}$  ounce, 15 cents; ounce, 25 cents;  $\frac{1}{4}$  pound, 60 cents;  $\frac{1}{2}$  pound, 75 cents; pound, \$2 00.

**Florida Drumhead.** For description and illustration see special cabbage page in first part of catalogue. Packet, 10 cents;  $\frac{1}{2}$  ounce, 15 cents; ounce, 25 cents;  $\frac{1}{4}$  pound, 60 cents; pound, \$2 00.

**BIG 4 COLLECTION.** One packet each of Sure Crop, Long Island Wakefield, Centennial Flat Dutch and Florida Drumhead, and one packet of Genuine Surehead as an extra, for 25 cents, postpaid.

## Hastings' Surehead a World Beater

"Hastings' Surehead Cabbage from Premier Brand seed is a world beater. We shipped a carload of them the other day, and the heads weighed from 5 to 15 pounds. The car averaged a little over 9 pounds per head. How is that for high? That is the largest average ever shipped out of Texas, if not out of the South.

March 19, 1903.

"JOS. SCOTT,  
Leesville, Gonzales Co., Texas."



Stein's Early Flat Dutch.

### Hastings' Emerald King.

A superb early cabbage of our own introduction. It has had several years' thorough test in all parts of the South and is now a recognized standard variety among our customers. An early, flat, very solid variety that can be grown for either early or late crop. Of fair size, heads averaging from 5 to 8 pounds; grows very uniformly; is sure header, and does not burn or blister easily in the hottest and driest weather. An unexcelled variety to withstand droughts. It is of a dark, glossy green color, holding up its color long after other sorts wilt and fade. **Premier Brand Seed.** Packet, 10 cents;  $\frac{1}{2}$  ounce, 15 cents; ounce, 25 cents;  $\frac{1}{4}$  pound, 60 cents; pound, \$2.00; postpaid.

### Solid South Cabbage.

A splendid early cabbage, resembling Early Summer, but is slightly earlier, more uniform, has fewer outside leaves and is less liable to split and run to seed. Well adapted both for shipping and for home use. **Premier Brand Seed.** Packet, 5 cents; ounce, 20 cents;  $\frac{1}{4}$  pound, 60 cents; pound, \$2.

**BUG DEATH** KILLS CABBAGE LICE.  
KILLS THE SMALL CABBAGE WORM.  
NOT POISONOUS TO MAN OR BEAST.



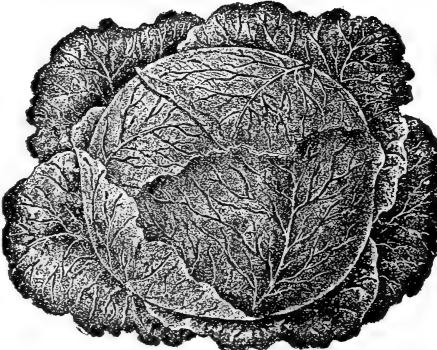
Early Summer.

### Stein's Early Flat Dutch.

This is a very careful selection from the Early Dwarf Flat Dutch, being somewhat larger, shorter stemmed and a little later than the early Dwarf. It is known under a dozen of names, but is commonly known in the lower South as "Stein's" and "Augusta Trucker." For the market gardener who ships his crop this is valuable. It seems to do especially well in certain parts of Texas, but is not a favorite in Florida. Our illustration gives a good idea of its general appearance. It is firm and solid, shrinks but little in shipping and holds its color well. Packet, 10 cents;  $\frac{1}{2}$  ounce, 15 cents; ounce, 25 cents;  $\frac{1}{4}$  pound, 60 cents; pound, \$2.00.

#### "NO CULLS."

"The 'Premier Brand' cabbage seed received from you were true to type and turned out just as you said they would, and I want none better. One of our largest commission dealers here said my cabbage was the finest he handled; never had to 'cull' them. S. E. MITCHELL,  
"Corpus Christi, Texas."



Emerald King.

### Early Summer.

One of the best early flat cabbages, coming in 10 days to 2 weeks later than Jersey Wakefield. Very uniform in size and shape, round, flattened and solid. Has small outer leaves and stands close planting. **Premier Brand Seed.** Packet, 5 cents;  $\frac{1}{2}$  ounce, 15 cents; ounce 25 cents;  $\frac{1}{4}$  pound, 60 cents; pound, \$2.

### Early Spring.

A French variety. The right name for it is "Early Parisian," but it was imported and re-named "Early Spring" by a prominent New York seedsman. Its only value is in its earliness, coming in as it does about the same time as the Wakefield. It is small, flat, with short stem, the head almost resting on the ground. Being small it can be set close, about 20 inches apart. Heads firm and rather solid, but is not as good a cabbage as Alpha. Packet, 10 cents;  $\frac{1}{2}$  ounce, 20 cents; ounce, 30 cents;  $\frac{1}{4}$  pound, 90 cents; pound, \$3.

#### PERFECT SATISFACTION.

"Have used your seeds for 4 years. They have given perfect satisfaction in every respect.  
Cordova, Fla. C. W. CHAPMAN."

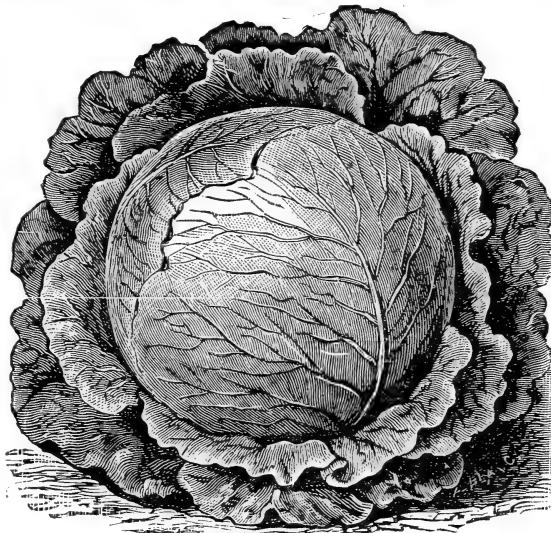
## Danish Ball Head.

Also known as "Hollander." It is a very handsome and extremely hardy late cabbage, which is growing in popularity in America, having proved one of our very best winter sorts. It is highly prized in Denmark, and grown there almost exclusively for winter cabbage. It thrives well on thin soils and in highly exposed situations. The heads are of good marketable size, not quite so large as Flat Dutch, but very hard, round, fine-grained, and will weigh one-fourth more than other varieties of equal size.

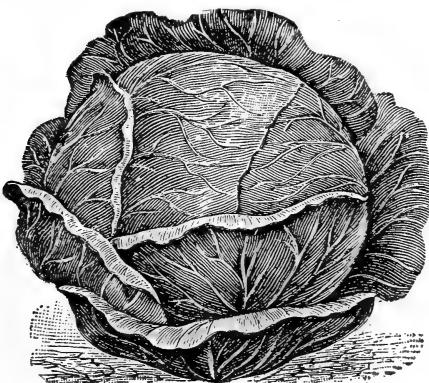
We recommend it highly as a cabbage for late summer and fall planting for maturing in winter and early spring in southwestern Texas. It does not seem so well adapted to other parts of the South. **Premier Brand Seed.** Packet, 10 cents;  $\frac{1}{2}$  ounce, 15 cents; ounce, 25 cents;  $\frac{1}{4}$  pound, 65 cents; pound, \$2.25.

## All Seasons.

As improved by us during the past few years, is a most valuable cabbage for a succession crop for market gardeners in the South. Heads are large and solid, flattened on top. It is a good, reliable header and resists heat and drouth well. **Premier Brand Seed.** Packet, 5 cents;  $\frac{1}{2}$  ounce, 15 cents; ounce, 25 cents;  $\frac{1}{4}$  pound, 50 cents; pound, \$1.75.



Danish Ball Head.



Early Dwarf Flat Dutch.

## Improved Large Late Drumhead.

An old standard late maturing variety, large, solid, always reliable as a header and excellent quality. **Premier Brand Seed.** Packet, 5 cents;  $\frac{1}{2}$  ounce, 15 cents; ounce, 25 cents;  $\frac{1}{4}$  pound, 60 cents; pound, \$2.00.

## Early Winningstadt.

Desirable because of its earliness and extremely solid heads. Small, sharply pointed, extra early and a sure header, even on poor soil. **Premier Brand Seed.** Packet, 5 cents;  $\frac{1}{2}$  ounce, 10 cents; ounce, 15 cents;  $\frac{1}{4}$  pound, 40 cents; pound, \$1.50.

## Early Dwarf Flat Dutch.

An old-time favorite and standard for planting in the South, especially in family gardens. Medium size, round and flattened. Heads usually weigh from 4 to 5 pounds. **Premier Brand Seed.** Packet, 5 cents; ounce, 20 cents;  $\frac{1}{4}$  pound, 50 cents; pound, \$1.75.

## Early Deep Head.

The heads of this cabbage grow to a large size, and, as its name signifies, are deeper through than ordinary stocks of second early cabbage. It heads up firm, and we find it a valuable variety. **Premier Brand Seed.** Packet, 5 cents; ounce, 20 cents;  $\frac{1}{4}$  pound, 50 cents; pound, \$1.75.

## Charleston Wakefield.

A large type of the Jersey Wakefield, larger, but two weeks later. A good variety for those wanting increased size of head combined with earliness. **Premier Brand Seed.** Packet, 5 cents;  $\frac{1}{2}$  ounce, 15 cents; ounce, 25 cents;  $\frac{1}{4}$  pound, 80 cents; pound, \$2.75.

## Premium Late Flat Dutch.

A fine strain of large, late Flat Dutch Cabbage, suitable for either spring or summer sowing. A very desirable variety where large size rather than earliness is wanted. **Premier Brand Seed.** Packet, 5 cents; ounce, 20 cents;  $\frac{1}{4}$  pound, 50 cents; pound, \$1.75.

## Green Glazed.

A loose-headed variety, well adapted to all parts of the South for summer growth, for the reason that it seems less subject to attacks of insects than other kinds. **Premier Brand Seed.** Packet, 5 cents;  $\frac{1}{2}$  ounce, 15 cents; ounce, 25 cents;  $\frac{1}{4}$  pound, 75 cents; pound, \$2.50.

## American Grown Cabbage Seed Only.

The cabbage seed sold by most seedsmen in the United States is European grown. This imported seed can be sold at from \$1.00 to \$1.25 per pound and makes fairly good crops when planted in the Northern States, but nine years out of ten imported cabbage seed will make either partial or total failure when planted in the South. Why this is so we have not space in this catalogue to give a full explanation.

Fourteen years' tests and observations in the South have fully established the fact that imported cabbage seed is unsafe to plant in this section. It never heads satisfactorily.

Every pound of Cabbage Seed sold by us is AMERICAN GROWN and is especially adapted to our Southern soil, climate and conditions of growth.

That is why our sales of cabbage seed are more than doubling every year.

## HOW TO GROW CABBAGE

"Cabbage Information." It's free if you ask for it.

Ought to be in the hands of everyone who grows cabbage for market in the South. Sixteen pages of



Hastings' Selected Jersey Wakefield.

**LARGE EARLY YORK**—Well known loose-headed early sort. Good for early growing in home gardens. Tender and fine quality. **Premier Brand Seed.** Packet, 5 cents;  $\frac{1}{2}$  ounce, 10 cents; ounce, 15 cents;  $\frac{1}{4}$  pound, 40 cents; pound, \$1.50.

**PERFECTION DRUMHEAD SAVOY**—The tenderest and richest variety of all. It does not head so well in hot weather, hence should be planted in July and August for heading in fall and early winter. Al-

## Hastings' Selected Early Jersey Wakefield.

Almost every one knows the popular Early Jersey Wakefield Cabbage. Comparatively few know the superiority of our strain of this variety. It's grown with the greatest care and a well cultivated crop shows the greatest regularity of size, shape and solidity. If you are growing the Early Wakefield, you cannot afford to be without our extra select seed. It pays to use it. **Premier Brand Seed.** Packet, 5 cents;  $\frac{1}{2}$  ounce, 15 cents; ounce, 25 cents;  $\frac{1}{4}$  pound, 65 cents; pound, \$2.25.

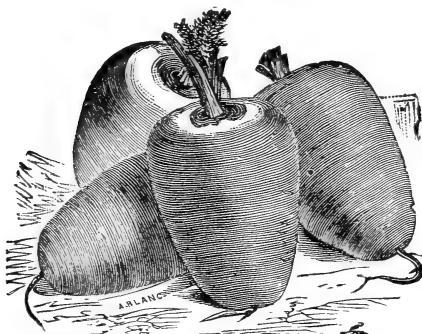
**BLOOD RED ERFURT**—The best red cabbage for the South. **Premier Brand Seed.** Packet, 5 cents;  $\frac{1}{2}$  ounce, 15 cents; ounce, 25 cents;  $\frac{1}{4}$  pound, 60 cents; pound, \$2.00.

**EXTRA EARLY EXPRESS**—A small extra early variety, suitable only for home gardens. Very popular in some localities. **Premier Brand Seed.** Packet, 5 cents;  $\frac{1}{2}$  ounce, 10 cents; ounce, 15 cents;  $\frac{1}{4}$  pound, 40 cents; pound, \$1.50.

most as hardy as kale. **Premier Brand Seed.** Packet, 5 cents;  $\frac{1}{2}$  ounce, 15 cents; ounce, 25 cents;  $\frac{1}{4}$  pound, 65 cents; pound, \$2.00.

**BUNCOMBE OR NORTH CAROLINA WINTER**—A firm, solid header. A splendid keeper and favorite winter and spring cabbage in North Carolina. **Packet, 5 cents;  $\frac{1}{2}$  ounce, 15 cents; ounce, 25 cents;  $\frac{1}{4}$  pound, 65 cents; pound, \$2.25.**

## Hastings' Selected Carrot Seed



Oxheart Carrot.

### Oxheart Carrot.

This fine variety is the best of the shortened, thick-formed carrots. Roots are 4 inches wide at top and taper to a 2-inch diameter at bottom. Length from 5 to 6 inches. Roots are very free from hard core and of the finest quality for table use. Both skin and flesh are highly colored. Being very short, they are easily pulled from the ground, where the long sorts often have to be dug in heavy soil. **Packet, 5 cents; ounce, 10 cents;  $\frac{1}{4}$  pound, 25 cents; pound, 75 cents.**

### St. Valery.

This we consider the best long variety for late summer and fall planting in Florida and Gulf sections. Roots very smooth and regular in growth, of large size, from 10 to 12 inches in length, and 2 to 3 inches in diameter at the top, tapering gradually throughout. Rich, deep coloring, and free from hard core. A favorite with many of our customers, especially in sections subject to drought. **Packet, 5 cents; ounce, 10 cents;  $\frac{1}{4}$  pound, 25 cents; pound, 65 cents.**

### Chantenay.

A splendid quality half-long stump-rooted variety, of deep orange color. Very uniform and productive. **Packet, 5 cents; ounce, 10 cents;  $\frac{1}{4}$  pound, 25 cents; pound, 75 cents.**

### Danvers' Intermediate.

Bright orange color, very smooth and finely formed. Produces more weight to the acre than any other half-long variety. **Packet, 5 cents; ounce, 10 cents;  $\frac{1}{4}$  pound, 25 cents; pound, 70 cents.**

### New Red Meaux.

Long stump-rooted variety. Color, bright reddish orange. Free from hard center or core, being tender throughout. Very heavy cropper. **Packet, 5 cents; ounce, 10 cents;  $\frac{1}{4}$  pound, 25 cents; pound, 70 cents.**

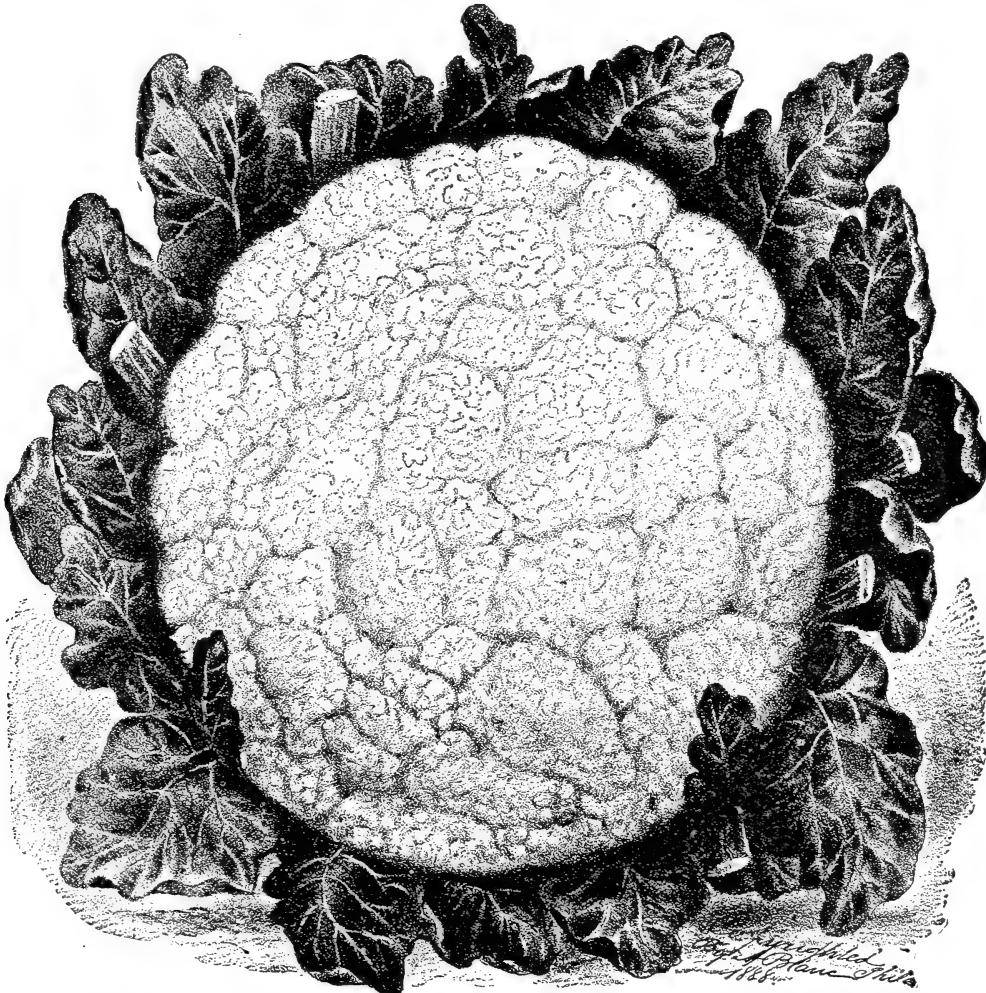
**Large White Belgian** (For Stock Food Only)—One of the most valuable root crops for stock feeding. The use of carrots in connection with dry feed helps to keep the animals in good condition throughout the winter, and in milk and dairy cattle the flow of milk is largely increased. Sow 4 pounds per acre in drills 3 feet apart, and thin out to 6 inches. **Packet, 5 cents; ounce, 10 cents;  $\frac{1}{4}$  pound, 15 cents; pound, 45 cents.**

### Improved Long Orange.

Roots long and of a deep rich orange color. A heavy cropper, so heavy, in fact, that it is profitable to grow for stock feed, although in quality it is a table carrot. **Packet, 5 cents; ounce, 10 cents;  $\frac{1}{4}$  pound, 20 cents; pound, 65 cents.**

### Half Long Scarlet.

A favorite with market gardeners and for home use. Bright scarlet color and of fine flavor. **Packet, 5 cents; ounce, 10 cents;  $\frac{1}{4}$  pound, 20 cents; pound, 65 cents.**



## GILT EDGE CAULIFLOWER

### The Best Early Cauliflower for the Southern States.

Our Cauliflower Seed is imported from the most reliable growers in Europe. No Cauliflower Seed of any value is produced in the United States. We furnish you the highest grade of seed and do not charge you from 50 cents to \$1.00 per ounce extra for Red, Yellow or Blue Seals on the Package.

**Culture** Does best in rich, well-tilled soil; will do in a well-manured soil. Sow in seed bed at same time as cabbage. Transplant when 3 to 4 inches high; give plenty of water in dry weather. Keep wet, hoe thoroughly and often. In Florida and along the Gulf, sow the seed in September, October and November.

**GILT EDGE** We introduced "Gilt Edge" Cauliflower in the South in 1893. Since that time we have watched the new introductions closely, and we have not found in the last 11 years a variety that comes anywhere near being its equal, for either fall or spring plantings.

"Gilt Edge" is rightly named. It is "Gilt Edge" in every respect. It is the largest, most perfect and surest header of all the early varieties, and in quality it is unexcelled. One specimen was sent to our store by a gardener, which, when the leaves were trimmed off, weighed 7 pounds and 8 ounces, the largest head of early cauliflower we have ever seen in the South.

In general appearance, Gilt Edge is like the Snowball, but is much larger, a sure header and stands much longer without decay than any other. Cauliflower should be more generally grown in the South than it is, and there is no variety equal to Gilt Edge where a sure crop of the finest quality is wanted. Packet, 20 cents;  $\frac{1}{4}$  ounce, 75 cents;  $\frac{1}{2}$  ounce, \$1.25; ounce, \$2.00;  $\frac{1}{4}$  pound, \$7.00; pound, \$26.00.

**Extra Early Paris White**—Heads medium size. Fine for family garden. Packet, 10 cents;  $\frac{1}{4}$  ounce, 30 cents; ounce, 50 cents;  $\frac{1}{4}$  pound, \$2.00; pound, \$7.00.

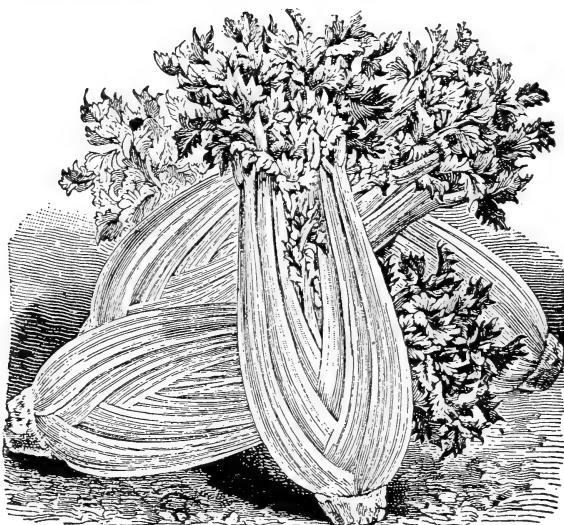
**Early Snowball (Henderson's)**—A good early variety, second only in value to the Gilt Edge. Packet, 15 cents;  $\frac{1}{4}$  ounce, 60 cents;  $\frac{1}{2}$  ounce, \$1.25; ounce, \$2.00;  $\frac{1}{4}$  pound, \$7.50; pound, \$28.00.

**Le Normand's (Short Stem)**—Packet, 10 cents;  $\frac{1}{4}$  ounce, 15 cents;  $\frac{1}{2}$  ounce, 25 cents; ounce, 50 cents;  $\frac{1}{4}$  pound, \$2.00; pound, \$7.00.

**Large Late Algiers**—Best late variety. Packet, 10 cents;  $\frac{1}{4}$  ounce, 25 cents; ounce, 55 cents;  $\frac{1}{4}$  pound, \$2.50.

**Autumn Giant**—Packet, 10 cents;  $\frac{1}{4}$  ounce, 30 cents; ounce, 50 cents;  $\frac{1}{4}$  pound, \$1.50.

# CELERY GROWING IN THE SOUTH.



**Savannah Market Celery.**

**spring.** Do not bank with earth in that section, as it usually produces **Varieties**—We recommend Mexican Solid for heavy and muck soils; Savannah Market for sandy, hammock and clay soils. Golden Self-Blanching is a marked success in some sections. White Plume and Giant Pascal do well in Georgia, Alabama and some parts of Florida.

## Golden Self-Blanching.

### Best French-Grown Seed.

A strictly market gardener's variety used almost exclusively by Florida growers for shipment. The source of seed supply of this variety is of the utmost importance, otherwise the crop will be a failure. Our seed is grown for us by the Vilmorins of France and imported by us direct from them—the originators. Crops from this seed leave nothing to be desired in solidity, color and appearance in market. It is the best Self-Blanching Celery seed produced in the world. Packet, 10 cents;  $\frac{1}{2}$  ounce, 20 cents; ounce, 30 cents;  $\frac{1}{4}$  pound, \$1; pound \$3.50.

## Savannah Market.

Our finest variety for general planting in the South on the lighter classes of both sandy and clay soils. Strong, vigorous grower, and will make a satisfactory crop where other sorts fail altogether. Large, solid and of first-class flavor. Stalks when well blanched are clear white and centers a light golden yellow. When quickly grown it is crisp and tender; makes a fine appearance in market. Packet, 10 cents;  $\frac{1}{2}$  ounce, 15 cents; ounce, 25 cents;  $\frac{1}{4}$  pound, 60 cents; pound, \$2.00.

## Mexican Solid Celery.

Stalks rounded, crisp and solid. Its flavor is fully equal to that grown in the famous Kalamazoo (Mich.) celery district, having the rich, nutty flavor so desirable in celery. Packet, 10 cents;  $\frac{1}{2}$  ounce, 15 cents; ounce, 25 cents;  $\frac{1}{4}$  pound, 60 cents; pound, \$2.00.

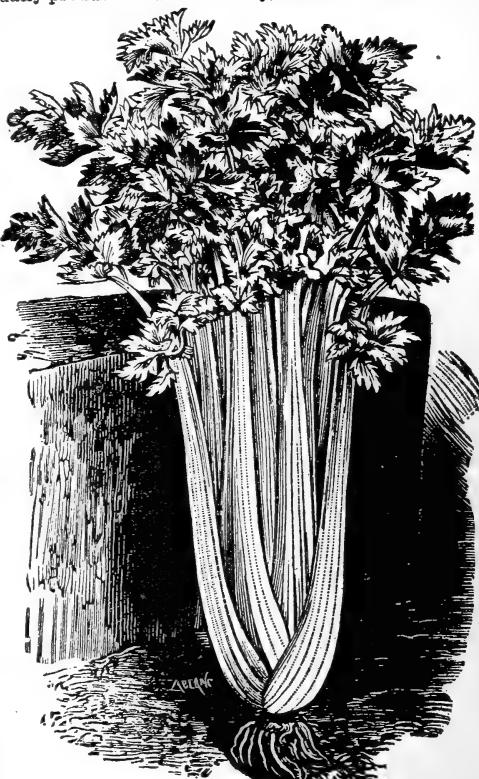
## White Plume—Giant Pascal.

Old, well known varieties, preferred by many planters. Packet, 5 cents; ounce, 10 cents;  $\frac{1}{4}$  pound, 50 cents; pound, \$1.50.

Celery has become an important market crop in Florida and along the Gulf Coast. There is no reason why it should not be grown in all the Southern States, and save to our own section the hundreds of thousands of dollars that go to other sections for our supply every year. It is one of the most profitable crops that can be grown, \$1,500 per acre not being an unusual return for a good crop. At the same time it is a crop that few make a success of the first time. It is one of those crops that "knowing how" cuts a large figure in, and the "know how" can only be gained by actual experience.

**Culture** Celery requires a moist and not rich you must make it so by heavy applications of well-rotted manure or commercial fertilizers. Well-drained muck lands give good results. When the plants are 6 inches high—the latter part of July—they may be set in the trenches 6 inches apart, the trenches being  $2\frac{1}{2}$  to 3 feet apart, and as fast as the plants grow keep drawing the earth up, leaving only a small bunch of leaves exposed, thus blanching it as it grows. Celery not well blanched is not salable, neither has it good tender qualities. What are known as green varieties have the best flavor, although it is more trouble to blanch them. They have the rich, nutty flavor which is so desirable in celery.

**For Florida** and the lower Gulf Coast the seed should be sown in August and September for general crop, which is matured and marketed in the



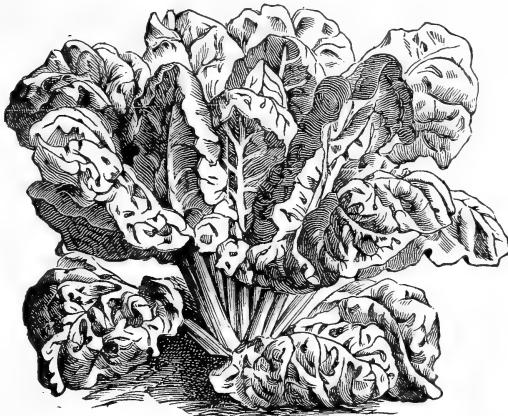
**Golden Self-Blanching.**

# COLLARDS.

The Collard is an old-time favorite and stand-by all over the South. There are few gardens in the South that do not contain it. It is well adapted to every Southern State, and is a species of cabbage which is not only very hardy, but a vigorous and continuous grower, producing a mass of leaves and, later in the season, a fairly good head. It is not in its best condition until touched by frost. Seed can be sown in early spring and up to as late as August 1st. When plants are six inches high transplant to open ground, setting them two feet apart in the row. Should be cultivated frequently and thoroughly like cabbage. It is sometimes humorously alluded to as "Georgia Cabbage."

## True Southern or Georgia.

This is the old-time favorite variety known to every gardener in the South. It stands all sorts of adverse conditions with little injury and can be considered a sure cropper. It is very hardy and will stand uninjured in any ordinary winter as far north as Atlanta. In many places where the soil is too poor to grow cabbage, this old-time variety will furnish an abundance of leaves of good quality. On fairly good soil it makes quite a head when winter comes on. While generally grown for vegetable purposes, it will be found to advantage to grow some so as to give your cow an occasional feed during the winter months, as it keeps the digestive organs in good order and largely increases the flow of milk. Packet, 5 cents; ounce, 10 cents;  $\frac{1}{4}$  pound, 25 cents; pound, 75 cents.



Collard.

## North Carolina Short Stem.

This splendid variety originated in North Carolina, and is immensely popular wherever grown. It has a very short stem, large spreading leaves, very hardy, notwithstanding drought in summer and cold in winter. Its flavor and cooking qualities are the very best, and it has unquestionably proved itself far superior to any other collard in cultivation. Packet, 5 cents; ounce, 10 cents;  $\frac{1}{4}$  pound, 30 cents; pound, \$1.00.

## Chervil.

An aromatic plant, fine for seasoning or to use with lettuce for a salad. Sow it broadcast in October or November for winter and spring use, and in February or March for summer use. Packet, 5 cents; ounce, 15 cents; pound, \$1.00.

## Cress.

**Water**—Packet, 10 cents; ounce, 40 cents;  $\frac{1}{4}$  pound, 1.25.

**Extra Curled or Improved Pepper Grass**—Tastes same as Water Cress. Extra curled. Packet, 5 cents; ounce, 10 cents;  $\frac{1}{4}$  pound, 20 cents.

## Corn Salad or Fetticus.

**Large Green Cabbaging**—This is used for salad dressing during winter and spring. We find it does best sown in drills 9 inches apart. Packet, 5 cents; ounce, 10 cents;  $\frac{1}{4}$  pound, 25 cents; pound, 75 cents.

# EGGPLANT.

Eggplant matured in Florida during late fall and winter, is one of the most profitable vegetable crops. For maturing October to December, seed should be sown in July and August. If the young plants are troubled with the small black fleas, dust thoroughly with "Bug Death."

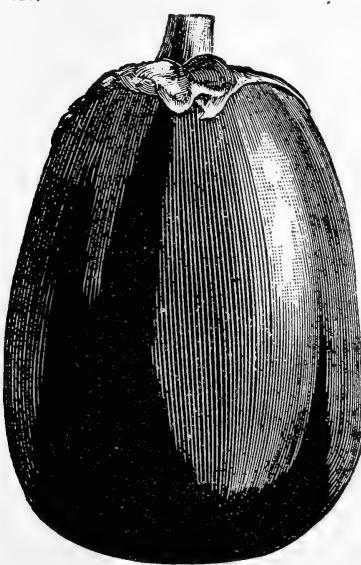
The year 1903 was most disastrous for seed crops of eggplant and the yield was practically nothing. We sold out during the spring every ounce of Large Purple Thornless and only have left for summer sales a limited quantity of seed of the Florida High Bush that has become so popular since its introduction and which we are sure will prove satisfactory to all our Florida customers who grow this crop for fall shipments.

## Florida High Bush Eggplant.

A new strain of the New York Improved which is remarkably hardy and productive and said to stand more cold than the other varieties. Hot sun does not blight the blossoms and it resists both drought and extreme wet weather to a marked degree. Large size, rather oblong shape and of good flavor. Its shipping qualities are of the best, commission men reporting its arrival in first-class order and bringing top prices, keeping its fresh appearance longer than other sorts. It's a vigorous grower, reaching three to four feet in height, erect and sturdy and free from thorns. Fruits are large and purple but not as dark color as our Large Purple Thornless. This variety is highly recommended by the most prominent growers of Florida. The Florida High Bush Eggplant is undoubtedly a valuable introduction and will be found profitable as a shipping crop in the lower South. Packet, 10 cents;  $\frac{1}{4}$  ounce, 20 cents; ounce, 35 cents;  $\frac{1}{4}$  pound, \$1.25; pound, \$4.50.

**Dandelion. Improved Large Leaved**—Sow in October and November. Packet, 10 cents;  $\frac{1}{4}$  ounce, 30 cents; ounce, 50 cents.

**Endive. Early Green Curled**—The best variety. Packet, 5 cents; ounce, 15 cents;  $\frac{1}{4}$  pound, 40 cents; pound, \$1.25.



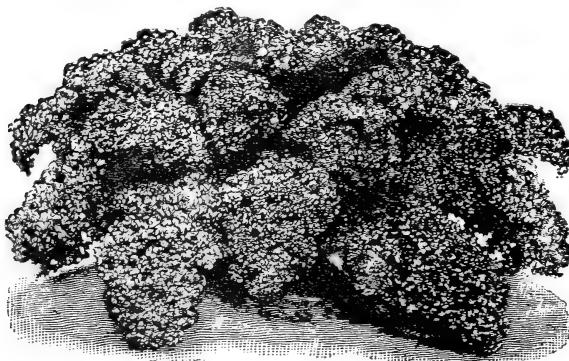
Florida High Bush Eggplant.

**Leek. Large Carenten**—Sow in October and November in Florida. Packet, 5 cents; ounce, 15 cents;  $\frac{1}{4}$  pound, 40 cents; pound, \$1.25.

**Kohl-Rabi. Early White Vienna**—Cultivate same as for cabbage. Packet, 5 cents; ounce, 20 cents;  $\frac{1}{4}$  pound, 50 cents; pound, \$1.50.

# Cucumbers—Crop Failure.

The seed crops of all varieties of cucumbers have practically failed for the last two years. We sold every pound of our stock last spring, and to the best of our knowledge there is NO RELIABLE STOCK OBTAINABLE ANYWHERE AT ANY PRICE THIS SUMMER. We will have none to offer until the 1904 crop is ready for delivery, about January 1st, 1905



Early Green Curled Kale or Borecole.

## Hastings' Lettuce Seed

Has no superior and few equals. It's grown by the best lettuce seed grower in the world. For full description and prices see pages 33 and 34 of this Catalogue with illustrations of different varieties in color. The seed is right, the prices are right, and if you plant Hastings' Lettuce Seed your crop will be right.

## MARKET GARDENERS' PRICES.

The prices in this Catalogue are for seeds in ordinary quantities. For large quantities of seeds such as are used by market gardeners, agricultural or trucking associations, state and county institutions, we can often make lower prices. These are invited to submit to us a list of their wants for special quotations. The largest part of our business consists in supplying the critical market garden trade of the South. Remember that HASTINGS' SEEDS have no superiors. They are the best that can be grown.

## A One-Dollar Seed Order

or an order for any amount over One Dollar brings to you for one year a monthly visitor in the shape of the

## Southern Ruralist, Free,

the brightest and most practical Southern farm and garden paper, edited and published by a practical Georgia farmer, who eats, sleeps and makes his living on a farm. THE RURALIST will be enlarged to a 24-page paper September 1st. Regular subscription price, 50 cents a year.

## 20 Cents and a Seed Order

for any amount less than one dollar will also bring THE RURALIST to your home every month for a year. By special arrangement with the publisher we are able to furnish THE RURALIST to those who buy less than a dollar's worth of seeds at less than half price. If you have never seen a copy of THE RURALIST let us send you a sample copy so you can see just how good and practical it is. Sample copy free.

## You Need It In Your Business.

## Kale or Borecole.

Borecole is more hardy than cabbage and will stand through the entire winter in any ordinary season in the central and lower South. It is much improved in quality by being touched with frost. Of all the cabbage tribe this is the most finely flavored, and it would be more generally grown were its good qualities more widely known. The tall varieties should be sown thinly in drills in August and September, the dwarf sorts one month later. It is a favorite vegetable to furnish "greens" in the South during the winter and spring, and for that use there is nothing better.

**Early Green Curled.**—Also variously known as "Dwarf German," "Dwarf Curled Scotch" and "Siberian." This is the variety usually sown in the fall for spring use. It is rather low growing, with fine, curly leaves of deep green color. The young leaves are tender and delicate in flavor. Packet, 5 cents; ounce, 10 cents;  $\frac{1}{4}$  pound, 25 cents; pound, 70 cents.

# Bug Death Kills the Bugs



destructive and injurious to plants, either vegetable or flower. We have used and sold Bug Death for three years. Never in our experience have we found an insecticide that gives such general satisfaction. There is hardly a bug or worm that it won't either kill or drive away. After four years' test we recommend it without reserve.

## It Never Burns the Plants

like Paris Green, Laurel Green or London Purple, but, in addition to protecting the plants from the bugs and insects, it furnishes a valuable plant food.

## Bug Insurance.

Every farmer and gardener ought to have Bug Insurance. You take out Life, Fire and Accident Insurance. These are important and valuable forms of insurance, but they are no protection to the farm and garden crops that furnish you your living and your income. Is it not as important to insure your crops as well as your house, or barn, or life? Bug Death furnishes you protection against the destruction of your crops by insects. To the farmer and gardener it is the most valuable insurance he can have.

## You Can Have Bug Insurance.

A small amount invested in Bug Death will keep your crops clean and free from insects and bugs. There is hardly a bug or insect that you cannot protect yourself from by the use of Bug Death.

## Easily Applied and Non-Poisonous

to all forms of animal life except insects. It's perfectly safe to use. No danger to your stock or members of your family. It's unnecessary to use dangerous and poisonous substances when you can accomplish better results with an insecticide that is absolutely harmless to all forms of animal life except bugs and insects.

## It Saves Millions of Dollars Every Year.

The use of Bug Death on the vegetable crops of the South saves millions of dollars every year. Its use means safety to your beans, cabbage, potatoes, tomatoes, turnips, cucumbers, squash and muskmelons. If you grow any crop that is subject to attacks of insects, you cannot afford to be without a supply of Bug Death on your place. You can insure your crops. You will raise larger and finer crops and make more money from them than you will without the use of Bug Death.

## Don't Wait Until the Bugs

have eaten up half your crop. Use Bug Death as soon as the bugs appear. Use it freely, dusting it on when the plants are wet with rain or dew. If you prefer to spray your plants, it can be mixed with water (1 pound to 5 gallons) and sprayed on in liquid form.

## We are Southern Wholesale Agents

for Bug Death. Your merchant should keep it on sale regularly, and we will supply him if he desires at wholesale prices. Bug Death in three and five-pound packages cannot be sent by mail. When ordering seed by freight or express, include a package of Bug Death, as it can be packed and shipped with the seed.

Single pounds, postpaid, 25 cents. When shipped with seed by freight or express, 15c per pound; 3-pound package, not prepaid, 35c; 5-pound package, not prepaid, 50c; 12½-pound box, not prepaid, \$1; 100-pound keg, \$7.

To any express office reached by the **Southern Express Co.**, we will ship a 3-pound box, charges prepaid, for 60 cents; a 5-pound box, charges prepaid, 85 cents; a 12½-pound box, charges prepaid, \$1.45.

To any express office on the line of the Wells-Fargo, American or Pacific Express Companies, we will send Bug Death, all charges prepaid, as follows: 3-pound box, charges prepaid, 60 cents; 5-pound box, charges prepaid, 90 cents; 12½-pound box, charges prepaid, \$2.

In our opinion it is the safest and most effectual insecticide on the market to-day.

Insure your crops and thus insure your income.

## **BUG DEATH** Kills all the Bugs Quickly.

# Hastings' Genuine Bermuda Onions.



BERMUDA ONIONS GROWN IN FLORIDA.

Seed planted October 1st; Matured Onions harvested April 15th.

## Special Bermuda Onion Culture.

We are issuing now a special pamphlet on Bermuda Onion Culture in the Southern States. This pamphlet gives in full the methods used by the successful and money-making Bermuda Onion growers. It covers all the points. It tells just how they make from \$200 to \$600 per acre with the crop. If interested, write us and we will send you a copy free.

**A Money-Making Crop** The Bermuda Onion Crop now amounts to millions of pounds each year, and it's a crop that makes money for the planter who handles the crop right. The Bermuda Onion as a commercial crop has been largely developed through our efforts in urging our customers to plant it and by furnishing them reliable seed that could be depended on, something that was unobtainable until we completed our present growing arrangements. Its importance as a money crop can hardly be over-estimated. Let a consumer once get a taste of a pure, genuine Bermuda Onion and he will buy no other so long as a Bermuda is on the market. The Bermuda Onion grower has a sure and steady market for his product, North, South, East and West, and it seldom nets him less than 2 cents per pound and often 3 and  $\frac{1}{4}$  cents. It's one of the safest crops you can plant. It's adapted to the southern half of Texas, Louisiana, Mississippi, Alabama, Georgia and all of the State of Florida, and no farmer or gardener in that section should fail to grow them either for market or home use.

**Get Genuine Seed** No crop, with the possible exception of cabbage, depends more on the genuineness and quality of the seed for a successful crop. Not one pound in ten of the seed sold in the United States as Bermuda is fit to plant. Most of it is the cheap, spurious California or American grown Bermuda, an entirely distinct variety and one that is worthless for Southern planting, rotting and splitting as it does, even before the crop is full grown. This California grown seed is sold at prices ranging from \$1.25 to \$2.25 per pound for the White and these prices should be a danger signal to every onion grower who wants to make a successful crop.

For the last 13 years we have imported and sold more genuine Bermuda Onion seed than all the other seed firms combined. We are the recognized headquarters for pure seed of the Bermuda varieties. Our sales of the seed are more than doubling each year and this increase comes from the fact that Hastings' Bermuda Onion seed is the right quality and the **only** stock that can be depended on year after year. We have never yet been able to supply fully the demand for seed of our Bermuda White and Crystal Wax. Prof. Roifs, formerly with the Florida and South Carolina Experiment Stations, in his valuable book on "Vegetable Growing in the South," says: "There is probably no other crop where so much depends on obtaining a good strain of seed. Our years of experience have shown us how useless it is to attempt to raise Bermuda Onions from the fraudulent and spurious Bermuda Seed offered each year by so many seedsmen."

**"Just as Good"** You will find every year many dealers and seedsmen who will tell you that the "Bermuda" Onion seed they sell is "just as good as Hastings." If you believe what they say it is just the point you are going to get fooled on. Read the following letter received recently from B. L. Raborn, President of the San Marcos (Texas) Truckers' Association. Mr. Raborn writes: "I will not wait for prices and will ask you to book me for one hundred and fifty (150) pounds as follows: 50 pounds Crystal Wax; 100 pounds White Bermuda, and of course I want the genuine imported seed as I bought 20 pounds of the imported stock of you last fall and 20 pounds of American grown from a Texas firm which were 'guaranteed' to be 'just as good,' and the result is that I have a fine crop from the seed bought of you and the other lot is a perfect mess of scallions or some other worthless lot of something."

# Growing Onions from Seed.



## The Difference Between Onions Grown From Good Seed

And those grown from the cheap grades is well brought out by the illustration above. It tells the whole story better than words can. The good onions were grown from good seed on which was bestowed every care which the best seed growers can and do. The others were grown from seed from those whose inducement to buy is the lowest price. It is the lowest price the cheapest, even if the grower paid ten times as much for the good seed as he did for the other? The picture tells the whole story. The difference between the two is the difference between a first-class, profitable crop and a failure.

There is one all-important requisite to a successful crop of Onions in the South and that is the right variety of onion and seed of the best quality of that variety. Without these, fertile soil, heavy fertilizing and the best of cultivation avail little or nothing. That is why we have tried to impress on our customers everywhere the necessity for getting the very best strains of seed of the Bermuda Onion for fall planting and how to avoid getting caught with the spurious California grown seed. You can buy onion seed cheaper than ours. We can buy "cheap" onion seed by the ton and sell it to you at \$1.00 per pound and make a larger percentage of profit than on genuine Bermuda at \$3.00. If we sold you this cheap seed once you would be sure of a crop failure and your dealings with us would end. Our customers appreciate our efforts to give them the best. Our sales of high-grade onion seed have increased enormously in the last three years. Although we are the largest importers of Bermuda Onion seed in this country we were unable to fill orders for one thousand pounds of seed last fall, and were left without a pound of seed to sow for sets. It took us a good many years to convince buyers that our high-grade onion seed were the cheapest. Most of them, after trials of various quality, have come to us in recent years for their seed. They are through experimenting. One of our Texas customers wrote us: "My poor neighbor who bought seven pounds of alleged 'Bermuda' seed from — (giving the name of a prominent Philadelphia seedsman) is badly in the soup. The crop is absolutely nothing but scallions. It's his own fault, for he should have known better than to buy cheap Bermuda seed."

We have the right seed that will give you satisfactory results. We don't offer cheap Bermuda seed. We won't have it in our house at any price.

## Culture

Bermuda Onion seed of the new crop arrives in Atlanta some time between September 15th and October 1st. Booked orders are filled immediately on arrival and our customers are usually able to plant by October 1st, which is as early as the air and soil are cool enough for successful germination of the seed. For best results all onion seed (fall planting) should be planted between October 1st and December 1st.

Soil for onion crop cannot be worked down too fine. For onions, especially where the soil has a tendency to be stiff, should be plowed and replowed and then harrowed down until it is finely pulverized. All trash, weeds, roots, stones, etc., should be removed even if hand raking is necessary to accomplish the result. It pays to have your ground in that fine, mellow condition and it will pay to keep it in just that condition while the crop is growing by giving frequent and shallow cultivation with either hand or wheel hoes. Keep down weeds or grass at all times.

Onions require either a naturally rich soil or heavy fertilizing to make good size. If your soil is not fertile make it so with well rotted manure or commercial fertilizers. In many onion growing sections manure in sufficient quantity is unattainable. If this be your case, commercial fertilizers are necessary. If your soil is sandy, or sandy loam, use fertilizer containing 6% Available Phosphoric Acid, 8 to 9% Potash, 5 to 6% Nitrogen. If your soil is stiff, heavy or a red clay, use one containing 8% Available Phosphoric Acid, 5% Potash, and 5% Nitrogen. If you want to make a full crop you should use from 1,000 to 2,000 pounds of high-grade fertilizer per acre. A word of caution, however, about commercial fertilizers. They should always be put in the ground two or three weeks before the seed is sown. As soon as these fertilizers go in the ground and come in contact with moisture a chemical change begins. While that change is taking place heat is generated which usually continues for some two weeks. If seed comes in contact with the fertilizer while this chemical change is taking place the vitality is "burned out" of the seed and it will not germinate. This is especially true here in the South where cottonseed meal is so largely used as a source of nitrogen in the fertilizers. Thousands of pounds of seed are "burned up" in this way every year and the planter very often cannot understand why he fails to a greater or less extent in getting a stand.

Some planters sow seed thinly in beds, transplanting to open ground when plants are about the size of a small goose quill. This method has several advantages. It saves two open ground weedings; it takes not over 3 pounds of seed per acre; in transplanting the plants can be culled and the same size plants can be set out together insuring even size of the onions and even maturity of the crop.

The most general method is to sow seed thinly in the open ground where plants are to stand using 4 to 5 pounds of seed per acre. This is sown in rows 16 inches apart. In sandy or light loam soil, seed should be covered 1 inch and firmed or rolled lightly. If in stiff clay soils cover not more than  $\frac{1}{4}$  inch and do not roll or firm the soil unless it is very finely worked and quite dry. The best time to sow is just before a rain. As soon as plants are well up thin out to six inches apart in the row. The young plants pulled up can be used to fill in missing places or to cover more ground. Fall planted onions can be grown with much less labor than those planted in the spring, as the grass and weeds make less growth during the winter and early spring. In Florida and the Gulf coast section from Georgia to Texas, the Bermuda and Creole can be grown through the winter without protection. In the central part of those States we advise partial protection by the use of a heavy mulch of grass, leaves or coarse manure from December 15th to March 15th. The tops will often freeze down to the mulch but will come out again without material injury.

# TIME FOR DELIVERY OF BERMUDA ONION SEED

Will be some time between September 15th and October 1st. Exact date can not be given, as there is variation in time of delivery in different years. All orders are booked in regular order as they come in, and are filled as soon as the new crop seed arrives. Our bookings are heavier at this date than last year, with prospects of a very short seed crop. Our advice is to place your order at once, so that you will not be disappointed in your supply.

**White Bermuda Onion** This is the standard variety for market crops for shipping. While it is known as "White Bermuda," the name is misleading, as it is really a light straw color or pale yellow. We make this explanation, as many who grow it for the first time expect to find a pure white onion. Our illustration on page 16 is taken from a photograph of the White Bermudas grown in Florida, less than six months elapsing from the time of sowing the seed to the full maturity and shipment of the crop. The weight of this group, after being cured, was 8 pounds and 5 ounces. Large packet, 10 cents;  $\frac{1}{2}$  ounce, 15 cents; ounce, 25 cents;  $\frac{1}{4}$  pound, 90 cents; pound, \$3.25; postpaid.

**Red Bermuda Onion** Our genuine Bermuda Red is the favorite everywhere in the South for home use and Southern markets. It is identical in size, shape and mildness with our White Bermuda. The color is a pale, waxy red, and it is just **the right variety** in all sections where a red onion is preferred. This variety is more extensively grown for home use and nearby markets than the White. Large packet, 10 cents;  $\frac{1}{2}$  ounce, 15 cents; ounce, 25 cents;  $\frac{1}{4}$  pound, 75 cents; pound, \$2.50; postpaid.

**Hastings' Crystal Wax** An absolutely pure white Bermuda Onion, with a beautiful waxy appearance. It sells on sight. No other onion makes such a beautiful appearance in market. Seed stock of Crystal Wax is obtainable only from us. No one else has genuine seed of it. Stock very limited. Packet, 10 cents;  $\frac{1}{2}$  ounce, 20 cents; ounce, 35 cents;  $\frac{1}{4}$  pound, \$1.25; pound, \$4.50; postpaid.

**Louisiana Creole Onion** A flat, light red variety, grown extensively in Louisiana, Mississippi and other parts of the South. Very firm and solid, a splendid keeper. Good, heavy cropper but strong flavored. We do not recommend it to those who want a mild onion. From 6 weeks to 2 months later in maturity than the Bermuda. Delivery of new crop seed (Louisiana grown) about September 1st. Packet, 10 cents; ounce, 20 cents;  $\frac{1}{4}$  pound, 65 cents; pound, \$2.25. Special prices on large quantities.

## T. C. Nye's Profits in 1904.

Mr. T. C. Nye, of Laredo, may properly be called the father of the Bermuda Onion industry of Texas. Through us Mr. Nye obtained a small packet of Bermuda Onion seed some 10 years ago. It was a success and he has gradually increased his operations each year. He planted 13 acres in Bermuda Onions last fall and estimates his expense of growing the crop at \$100 per acre. The yield was 455,440 pounds of marketable onions. These were sold to a buyer at the very low price of \$1.65 per 100 lbs. net, a total of \$7,551.00. Deduct from this \$1,300 for expense it leaves \$6,251.00 clean profit, or an average of \$480.85 per acre from a crop planted October 1st and shipped between April 7th and April 29th. These are not estimated profits, but profits that are in the bank. If Mr. Nye had sold his crop at the rate that most of the Florida growers did, his profits would have been over \$750 per acre. Mr. Nye's experience shows the profits that can be made from this crop even with the very lowest price we have ever known Bermuda onions to sell.



TWO BERMUDA ONIONS

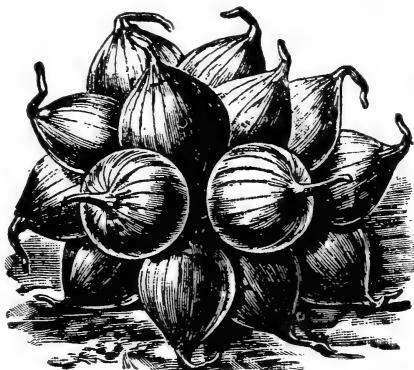
Grown at Abbeville, Ga. Total weight, 3 pounds.

# HONEST MEASURED BUSHELS OF ONION SETS.

We wish it distinctly understood that we sell onion sets by measure and not by weight. A measured bushel of sets in the fall weighs anywhere from 35 to 40 pounds, usually about 38 pounds. If you buy the 32 pound bushel sold by almost every other seedsman and merchant you lose nearly one-fourth the quantity.

## White Multiplier Onion Sets.

They are of pure silvery white color, **enormously productive**, frequently producing as many as **twenty bulbs in a single cluster** from a single bulb planted. Excellent quality and size for bunching green or can be ripened for use as pickling onions, and for this latter purpose can be grown much more economically than from seed. **Their keeping qualities are remarkable**, but their most important quality is extreme earliness, being ready for market from **three to four weeks ahead of other onion sets**. They cannot be beaten for earliness; they are matured before the weeds and grasses can cover them. The largest of the sets allowed to grow through summer make an onion of fair size which divides when ripening in the fall, multiplying liberally for another season. Our illustration is made accurately from nature. Pint, 15 cents; quart, 30 cents; peck, 85 cents; bushel, \$3.



White Multiplier Onion Sets.

## Prices Fluctuate. Write for Close Prices on Bushel Lots.

**Extra Early Red Sets**—The common red onion set as usually sold by dealers. Pint, 15 cents; quart, 25 cents; postpaid. Peck, 75 cents; bushel, about \$2.75. Write for close bushel prices.

**Yellow Danvers Sets**—Our stock of yellow is superior to most of the yellow sets sold, forming much better bulbs. Pint, 15 cents; quart, 25 cents; postpaid. Peck, 75 cents; bushel, about \$2.75. Write for close bushel prices.

**Silver Skin Sets**—The sets grown from the seed of the White Portugal or Silver Skin Onion. Onions are larger and milder than the red. Pint, 15 cents; quart, 30 cents; postpaid. Peck, \$1; bushel, about \$3.50. Write for close bushel prices.

**Garlic**—The pure Italian Garlic, with its strong, pungent flavor and odor. Much used in soups in many parts of the South.  $\frac{1}{2}$  pound, 20 cents; pound, 35 cents; postpaid.

## OKRA.

Okra can be planted in the central South up to August 1st and into September in Florida. Okra seed is in very limited supply at present but we can supply

## White Velvet.

A standard variety throughout the South for home use and local markets. We have a specially fine early strain of this variety, with medium size, round, smooth pods, free from ridges and not prickly to the touch. This strain of White Velvet we find to be the best of all the white varieties. Packet, 5 cents; ounce, 10 cents;  $\frac{1}{4}$  pound, 20 cents; pound, 60 cents; postpaid.

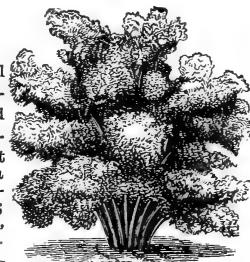
## Perkins' Long Podded.

This variety is used by the Florida shippers almost exclusively to grow for market. Its productiveness is simply wonderful, the pods shooting out from the bottom of the stalk within three inches of the ground, and the whole plant is covered with them to the height of a man's head, five to six feet. The pods are an intense green in color, of unusual length, nine to ten inches, very slim and do not get hard, as is the case with other okras. Packet, 5 cents; ounce, 10 cents;  $\frac{1}{4}$  pound, 20 cents; pound, 60 cents; postpaid; 10 pounds, not prepaid, \$4.50.

## Parsley.

### Extra Moss Curled.

The most ornamental of all varieties. The favorite sort for garnishing and to supply hotels and markets, and planted almost exclusively by Atlanta gardeners for that purpose. Packet, 5 cents; ounce, 10 cents;  $\frac{1}{4}$  pound, 20 cents; pound, 65 cents.



Moss Curled Parsley.

**Double Curled**—Plants of dwarf, compact growth, and the young leaves have the edges heavily crimped, giving it the general appearance of coarse moss. Often used by market gardeners. Packet, 5 cents; ounce, 10 cents;  $\frac{1}{4}$  pound, 20 cents; pound, 60 cents.

**Plain Leaved**—Is very hardy, a strong grower, and excellent for seasoning, for which purpose it is grown almost exclusively. Packet, 5 cents; ounce, 10 cents;  $\frac{1}{4}$  pound, 20 cents; pound, 50 cents.

## Parsnip.

**Improved Hollow Crown**—The best all-round variety of parsnips for the South. The leaves start from a small depression in the crown, giving it the name. Rich, sweet flavor and very productive. Packet, 5 cents; ounce, 10 cents;  $\frac{1}{4}$  pound, 20 cents; pound, 50 cents.

## Failed for 20 Years with Commission Box Seeds.

"For twenty years I planted commission box seeds and was always disappointed in my garden. I had decided that vegetables could not be grown successfully here. In 1897 I purchased seed of Hastings and never saw finer vegetables anywhere than the ones I raised that year. I have bought seeds of you every year since then, and always have the best possible results. Will always buy them, as they are genuine, reliable seeds.

W. N. STOCKARD, Mertens, Hill Co., Tex."

# GARDEN OR ENGLISH PEAS FOR FALL PLANTING.

Prices Include Postage Prepaid by  
Packets, Pints and Quarts.

When peas or beans are ordered in quantity larger than quarts, they will be sent by freight or express, as directed, at purchaser's expense.

**Culture**—For fall planting in central South, peas should be sown early in September, of such varieties as Home Delight and Bliss' Everbearing. Extra early varieties, such as John L., can be sown the latter part of the month and matured before frost. In Florida and along the Gulf they may be sown during any of the fall months, October and November being preferable. Sow in drills 2 or 3 inches deep. Let them be planted in double rows about 6 to 8 inches apart, and when vines get large enough, run together. Most varieties are of sufficient growth to support each other, and the planter is relieved of the troublesome work of staking or brushing them. Peas are not grown in the South as much as they should be, and we believe that our friends make a mistake in neglecting this crop. Any of the extra early kinds and Bliss' Everbearing and Home Delight can be grown in double rows without staking.

## John L. Extra Early.

The best and earliest of all extra early peas, either for market or home use. For eleven years John L. has led all other extra early peas in the South. No pea ever introduced has ever combined such earliness and productiveness as does this variety. It is now the standard among Southern market gardeners. In several tests it has beaten varieties like Landreth's Extra Early into market seven days. For a quick or early crop of peas you will make no mistake in planting John L. Packet, 10 cents;  $\frac{1}{2}$  pint, 15 cents; pint, 25 cents; quart, 40 cents; postpaid. Not prepaid, peck, \$1.25; bushel, \$4.00.

## Alaska Extra Early.

This follows John L. in earliness and has the best eating qualities of any of the early varieties. Seeds of a bluish shade and well rounded out; the fresh peas being almost equal to the wrinkled varieties in flavor. Packet, 10 cents;  $\frac{1}{2}$  pint, 15 cents; pint, 25 cents; quart, 40 cents; peck, \$1.00; bushel, \$3.75.



Hastings' John L. Extra Early Pea.

## Bliss' Everbearing.

Height of vine, 18 inches to 2 feet. Pods 3 to 4 inches long, each pod containing six to eight wrinkled peas. Size of peas very large, frequently half an inch in diameter; quality very fine. Its habit of growth is of peculiar branching character, forming as many as ten stalks from a single root stalk. The individual branches are of extraordinary strength and substance, so that when hilled up properly they stand up well without brushing. For continuance of bearing this variety is notable—a characteristic which gives it especial value for late summer and autumn use. After repeated pickings the vines continue to be covered with blossoms and buds, developing to maturity in turn. The quality is the best of any pea known, a variety that should be in every garden. Packet, 10 cents;  $\frac{1}{2}$  pint, 15 cents; pint, 25 cents; quart, 40 cents; peck, \$1.25; bushel, \$4.50.

## Premium Gem.

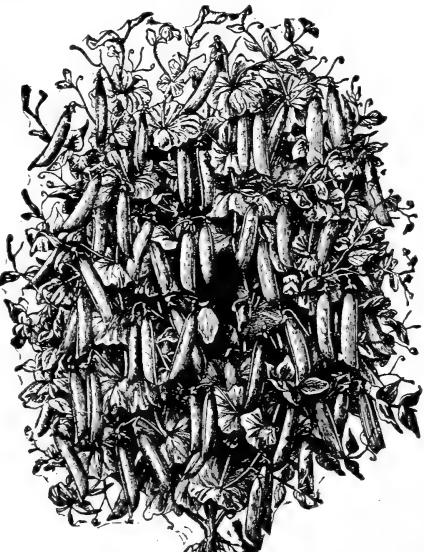
A dwarf wrinkled, extra early, growing about 15 inches high, and is one of the earliest for home gardens. While not as heavy a bearer as some of the others, its quality is unsurpassed. Packet, 10 cents;  $\frac{1}{2}$  pint, 15 cents; pint, 25 cents; quart, 40 cents; postpaid. Peck, \$1.50; bushel, \$5.00.

## Philadelphia Extra Early.

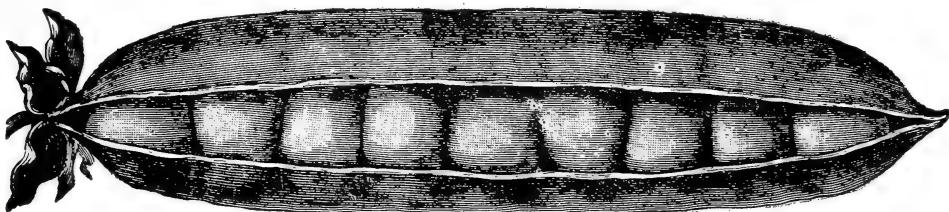
An old favorite, largely grown in the South. A desirable market garden variety. Packet, 10 cents;  $\frac{1}{2}$  pint, 15 cents; pint, 25 cents; quart, 40 cents; peck, \$1.00; bushel, \$3.75.

## First of All.

Almost identical with the Philadelphia Extra Early. Planted by some market gardeners. Packet, 10 cents;  $\frac{1}{2}$  pint, 15 cents; pint, 25 cents; quart, 40 cents; peck, \$1.00; bushel, \$3.75.



Bliss' Everbearing Peas.



### Hastings' Mammoth Podded Pea.

This new pea is the mammoth of the pea family in size of pod in addition to being a heavy bearer of peas of the most delicious flavor. It grows, when staked or brushed, from 3 to 4 feet high, but can be grown in double rows like Bliss' Everbearing if desired, although the yield will not be as heavy as when brushed up. Foliage, pod and vine are of rich, dark green color, showing vigor and rapid, healthy growth. Our illustration shows the exact size of the average pods, both in length and breadth. The pods are closely crowded with large peas of very fine flavor. In maturity this comes in about the same time as Telephone, making it a splendid variety to follow such varieties as Everbearing and Home Delight. Its heavy cropping qualities and delicious flavor will make it a favorite wherever planted. Packet, 10 cents;  $\frac{1}{4}$  pint, 15 cents; pint, 25 cents; quart, 45 cents; postpaid. Per peck, not prepaid, \$1.50; bushel, \$5.50.

### Hastings' Home Delight.

This splendid variety was first introduced by us in 1889. Since that time it has been constantly improved by selection until now it is by far the best and earliest bearer of all the heavy croppers. For home use and nearby markets it is invaluable. It's a strong, vigorous grower, and one of the heaviest bearers, yet it is of such stiff, stocky growth that it can be grown without brushing when planted in double rows 6 to 8 inches apart and run together. Quality of the very best, being a finely wrinkled variety. Packet, 10 cents;  $\frac{1}{2}$  pint, 15 cents; pint, 25 cents; quart, 40 cents; peck, \$1.25; bushel, \$4.50.

### Improved Telephone.

One of the finest tall growing wrinkled peas. Grows 5 to 6 feet tall and must be staked or brushed. Immensely productive, each plant bearing 25 to 30 extra large pods, tightly packed with large size peas of a most delicious sugary flavor so desirable in peas. The improved Telephone is a favorite around Atlanta and is proving well adapted to all parts of the South. Packet, 10 cents;  $\frac{1}{2}$  pint, 15 cents; pint, 25 cents; quart, 45 cents; postpaid. Peck, not prepaid, \$1.50; bushel, \$5.50.

### Black Eye Marrowfat.

An old-time favorite in the South. Packet, 10 cents;  $\frac{1}{2}$  pint, 15 cents; pint, 20 cents; quart, 35 cents; postpaid. Not prepaid, peck, \$1.00; bushel, \$3.50.

### Champion of England.

Another old-time favorite in the South. Large wrinkled variety of finest flavor. Packet, 10 cents;  $\frac{1}{2}$  pint, 15 cents; pint, 25 cents; quart, 40 cents; peck, \$1.25; bushel, \$4.50.

### Salsify or Vegetable Oyster.

Sow in Florida and along the Gulf Coast in September and October. Salsify is a deep rooter, and soil should have been spaded or plowed deeply previous to planting. Sow seed thinly in rows 16 inches apart. When plants are well up thin out to 4 inches apart in the row. Cultivate frequently. Salsify is perfectly hardy. Freezing improves its flavor and quality greatly. Leave standing in the open, and pull as wanted for use during winter and spring. Sow one ounce of seed to each 100 feet of row.

**Mammoth Sandwich Island**—The best white variety. Attains large size, being twice the size of the Long White. In quality, it is much superior to other sorts. Packet, 10 cents; ounce, 15 cents;  $\frac{1}{4}$  pound, 35 cents; pound, \$1.25.



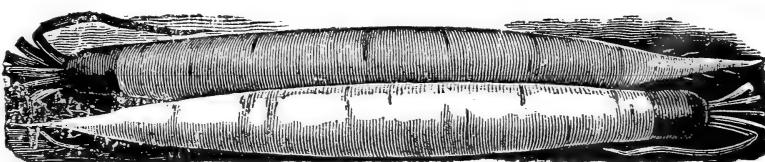
Hastings' Home Delight.

### Sweet Peppers.

These mature in three to four months from seed, and are a valuable shipping crop for late fall and early winter in the extreme lower South and Florida. The Large Bell or Bull Nose and Ruby King are almost exclusively grown for this purpose.

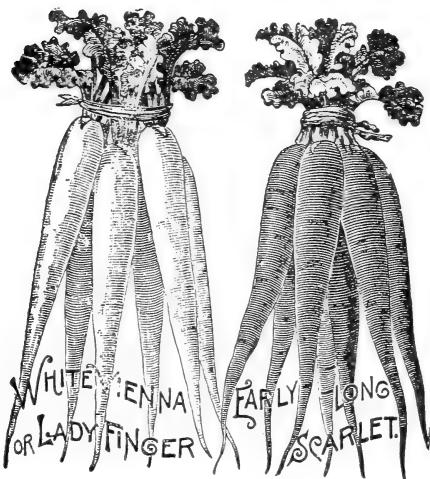
**Large Bell or Bull Nose**—A large, sweet, mild pepper used for salads and for stuffing. A profitable crop to ship after the crops of it further north have been killed by early frosts. Packet, 5 cents; ounce, 20 cents;  $\frac{1}{4}$  pound, 50 cents; pound, \$1.75.

**Ruby King**—A little larger than the Bell, but seemingly better for spring planting in the South rather than for fall crops. Packet, 5 cents;  $\frac{1}{4}$  ounce, 15 cents; ounce, 25 cents;  $\frac{1}{4}$  pound, 60 cents; pound, \$2.00.



Mammoth White Sandwich Island Salsify.

# Hastings' Select Radish Seed.



**Hastings' New Glass**—This we consider the finest of the long radishes. We have sold it now for several years, and it has always given satisfaction to those who plant it. It is of pink color, white tipped and regular in size and growth. Flesh transparent white, always crisp, brittle and of mild flavor, even when grown to large size. Named glass because of its brittleness and transparent flesh. Very desirable. Packet, 5 cents; ounce, 10 cents;  $\frac{1}{4}$  pound, 20 cents; pound, 70 cents.

**White Strasburg**—Oblong, tapering shape. Skin and flesh are pure white, firm, brittle and tender, retaining its crispness even when the roots are old and large. The best for summer use. An excellent family or market variety. Packet, 5 cents; ounce, 10 cents;  $\frac{1}{4}$  pound, 20 cents; pound, 60 cents.

**Wood's Early Frame**—Similar to the Long Scarlet, but earlier, shorter and broader, more brilliant color, and better for forcing and market. Packet, 5 cents; ounce, 10 cents;  $\frac{1}{4}$  pound, 20 cents; pound, 60 cents.

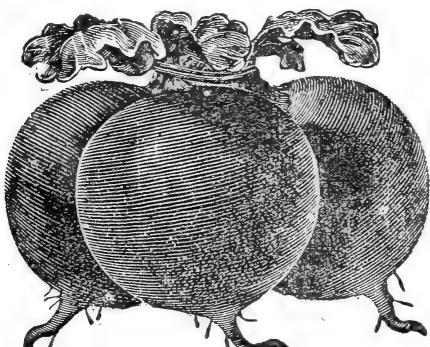
**Half-Long Deep Scarlet**—A new radish for Southern gardens, being in shape about half way between the Scarlet Button and Early Long Scarlet. Of beautiful appearance, and brings highest market prices. Skin a brilliant scarlet, flesh clear white, crisp and tender. Packet, 5 cents; ounce, 10 cents;  $\frac{1}{4}$  pound, 25 cents; pound, 75 cents.

**China Rose Winter**—Bright rose-colored winter variety, to be sown in summer and fall for winter use. Excellent quality and best winter variety. Packet, 5 cents; ounce, 10 cents;  $\frac{1}{4}$  pound, 25 cents; pound, 70 cents.

**Chartier**—Grows to a large size, but not very uniform shape. Red at the top, pink in the middle, white at tip; handsome appearance when pulled at the right time. Is especially fine flavored when grown quickly in the South. Packet, 5 cents; ounce, 10 cents;  $\frac{1}{4}$  pound, 20 cents; pound, 60 cents.

**White Spanish Winter**—Mild in flavor. Packet, 5 cents; ounce, 10 cents;  $\frac{1}{4}$  pound, 20 cents; pound, 60 cents.

**Black Spanish Winter**—Black skin, but white flesh. Packet, 5 cents; ounce, 10 cents;  $\frac{1}{4}$  pound, 20 cents; pound, 60 cents.



Scarlet Button Radish.

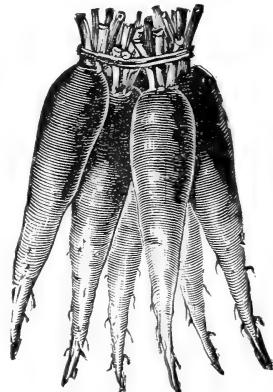
**Culture** For best results radishes require a rich, loose, moist soil. The crisp, tender flesh of radish depends almost entirely on rapid growth. Radish planting should begin in September in almost all parts of the South, and continue every ten days to two weeks to insure a succession of crisp, tender radishes for the table. The long varieties are usually the best for first plantings in the fall, followed by the turnip and half-long sorts in October and November. Sow the winter varieties (Spanish and China Winter) in August and September. In Florida and along the Gulf radishes can be sown continually through the winter. Sow seed thinly in drills, 1 foot apart, cover seed  $\frac{1}{2}$  inch and keep clear of weeds and grass.

**Early Long Scarlet**—This is an old favorite, both for market and home garden. Grown by the home gardener and by the market gardener. Root a bright scarlet, long, and tapering to a delicate point. Flesh very crisp and tender, and when grown rapidly is free from all pungent taste. Packet, 5 cents; ounce, 10 cents;  $\frac{1}{4}$  pound, 20 cents; pound, 55 cents.

**Long White Vienna**—Finest long white radish in cultivation. It is almost identical with Long Scarlet, except in color. Beautiful shape, skin and flesh pure white, crisp, tender and of quick growth. Packet, 5 cents; ounce, 10 cents;  $\frac{1}{4}$  pound, 20 cents; pound, 60 cents.

## OUR PRICES

Include Postage.



New Glass Radish.

**California Mammoth White Winter**—Grown extensively by the Chinese market gardeners in California. It is 8 to 12 inches long and from 2 to 3 inches in diameter; white, solid and of good flavor. Packet, 5 cents; ounce, 10 cents;  $\frac{1}{4}$  pound, 25 cents; pound, 70 cents.

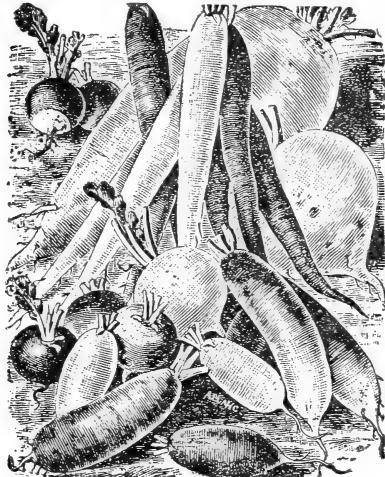
**Scarlet Button Radish**—A favorite extra early variety of round form and deep scarlet skin. Very mild in flavor, crisp and tender. Short, narrow leaves, making a very small top. Packet, 5 cents; ounce, 10 cents;  $\frac{1}{4}$  pound, 20 cents; pound, 65 cents; postpaid.

**Earliest Carmine, Olive-Shaped**—Very handsome, and considered by many as the best of the extra early radishes. Olive-shaped, smooth skin, rich, dark carmine color. In 20 to 22 days the crisp, tender little radishes are ready for use. Top small and of upright growth. Packet, 5 cents; ounce, 10 cents;  $\frac{1}{4}$  pound, 20 cents; pound, 60 cents.

**French Breakfast**—Olive-shaped. Color scarlet, tipped with white. Flesh tender and a quick grower. Packet, 5 cents; ounce, 10 cents;  $\frac{1}{4}$  pound, 20 cents; pound, 65 cents.

## Rosy Gem Radish.

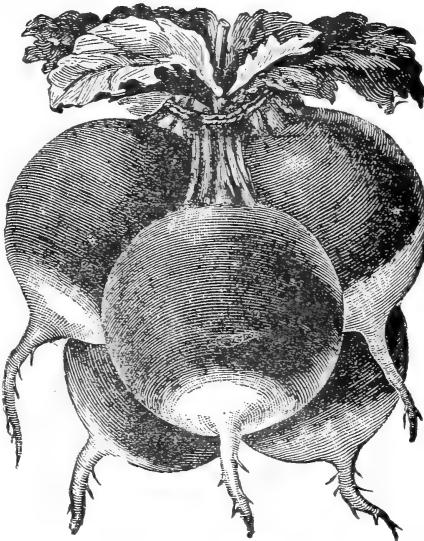
Also known as White Tipped Scarlet Ball. This is the favorite among our market gardeners for forcing as well as for open ground growth. We have seen it ready for market here near Atlanta in 18 days from the time seed was sown. It is also very desirable for home gardens, being almost identical with our Scarlet Button except in the white shading at base of the root. It is one of our earliest varieties. Globe shaped, with rich, deep scarlet top, shading to pure white at the bottom. Very tender and crisp, never becoming hollow or pithy until very old. Packet, 5 cents; ounce, 10 cents;  $\frac{1}{4}$  pound, 20 cents; pound, 65 cents.



Hastings' Mixed Radishes.

## Hastings' Mixed Radishes.

Our splendid mixture of radishes has become deservedly popular in the past few years, giving, as it does, a succession of radishes all through the season. This mixture contains some of all varieties listed—early, medium and late; round, half-long and long. In one sowing you get a continuous all-season's supply in family gardens. Packet, 5 cents; ounce, 10 cents,  $\frac{1}{4}$  pound, 25 cents; pound, 75 cents.



Rosy Gem Radish.

## Right Seeds Make Right Crops.

### American Grown Spinach Seed.

The American grown stock of spinach is much superior to imported seeds in every particular. The germination is better and stronger, the growth larger and more vigorous and hardier. We have nothing but American grown seed of spinach.

### Hastings' Aragon Spinach.

Our new variety for the South. Fine market size, producing a large, thick, green leaf, well crumpled or savoyed, and stands a long time before running to seed. The hardest of all varieties, standing any ordinarily cold winter without damage in this latitude. At the same time it is one of the best heat-resisting sorts for late spring use. This variety has been thoroughly tested, and pleases all market gardeners who use it. Packet, 5 cents; ounce, 10 cents;  $\frac{1}{4}$  pound, 15 cents; pound, 45 cents; postpaid, 10 pounds, not prepaid, \$8.00.

### Broad-Leaved Flanders.

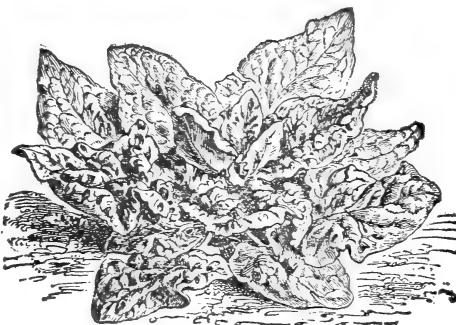
Good standard variety for home use and market. Packet, 3 cents; ounce, 8 cents;  $\frac{1}{4}$  pound, 15 cents; pound, 40 cents; 10 pounds, not prepaid, \$2.50.

### New Long Standing.

Sow for all seasons. A heavy cropper that does not run to seed readily. Packet, 3 cents; ounce, 8 cents;  $\frac{1}{4}$  pound, 15 cents; pound, 40 cents; 10 pounds, not prepaid, \$2.00.

### Bloomsdale.

A valuable variety, which is extensively grown, producing large crops of thick-leaved Savoy Spinach. Packet, 3 cents; ounce, 8 cents;  $\frac{1}{4}$  pound, 15 cents; pound, 40 cents; 10 pounds, not prepaid, \$2.50.



Hastings' Aragon Spinach.

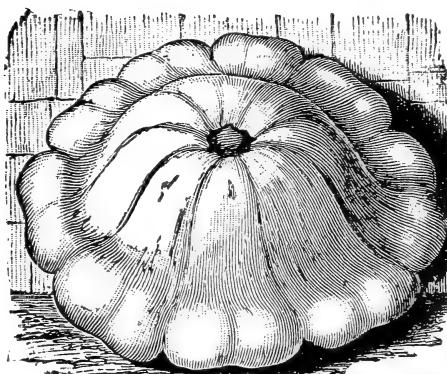
### Curled Norfolk Savoy.

Sow for fall and winter use, as it runs to seed if sown in the spring. Is the heaviest cropper. Packet, 3 cents; ounce, 8 cents;  $\frac{1}{4}$  pound, 15 cents; pound, 40 cents; 10 pounds, not prepaid, \$2.50.

### Market Gardeners' Prices

The prices in this catalogue are for seeds in ordinary quantities. For extra large quantities of seeds such as are used by large market gardeners, agricultural or trucking associations, state and county institutions, we can often make lower prices. These are invited to send to us a list of their wants for special quotations. The largest part of our business consists in supplying the critical market garden trade of the South. Remember that HASTINGS' SEEDS have no superiors. They are the best that can be grown. Hastings' Seeds are "money-makers" for the man who plants them no matter whether he plants for market or home use. Give them a chance to "make money" for you this summer and fall.

# SQUASHES FOR SUMMER AND FALL PLANTINGS.



White Bush Squash

Squash can be planted in Central Georgia as late as August 15th. Further South plantings may be continued until October 1st. In some sections the Marrow varieties are successfully grown planted as late as August 25th.

**CULTURE**—Sow the seeds in well manured hills in the same manner as cucumbers, the bush varieties three or four feet apart each way, and the running kind six to eight feet. Sow eight to ten seeds in each hill, thin out after they have attained their rough leaves and danger from the squash bug is over, leaving three or four strong plants to each hill. Bug-Death is a sure and effective remedy for the squash bug.

**Early White Bush**—The well-known White Scalloped or Patty Pan Squash. Earliest, very productive, and of light cream color. Popular for Northern shipment for both fall and spring crops. See Illustration. Packet, 5 cents; ounce, 10 cents;  $\frac{1}{4}$  pound, 25 cents; pound, 70 cents; post-paid, 10 pounds, not prepaid, \$5.00.

**Mammoth White Bush**—This variety is identical with the Early White Bush in shape, color and earliness, but is almost double the size of the old favorite. Has fine smooth skin and color, and grows to be 10 to 12 inches across. Fine for family use and nearby markets, but too large for shipment. Packet, 5 cents; ounce, 10 cents;  $\frac{1}{4}$  pound, 25 cents; pound, 75 cents.

**YELLOW SUMMER CROOKNECK** The old, well-known variety of Summer Crookneck, a favorite both for home and market gardens. Fruits small and of bright orange yellow color and covered with warty excrescences. Flavor is rich and buttery. A favorite for market gardeners and shippers. Packet, 5 cents; ounce, 10 cents;  $\frac{1}{4}$  pound, 25 cents; pound, 70 cents; 10 pounds, not prepaid, \$5.00.

## Hastings' Long Keeper Tomato.



**Long Keeper** is the best tomato for July, August and September planting in all parts of the South. Its vitality and vigor at the most trying time of the year is remarkable. No variety compares with it in ability to withstand heat and drought and blistering summer sun.

For the market gardener and shipper it is one of the best. It's just the right size to be most saleable and pack well, being  $2\frac{1}{2}$  to 3 inches in diameter. It's the right shape and color and its long keeping qualities make it the best shipper on our list. It's a strong, vigorous grower, very early and productive, with smooth, even shaped tomatoes almost entirely free from rot and splitting under the most trying conditions of growth. For the home garden it is equally good for a summer and fall variety. It is adapted to the entire South and after several years' thorough test we can recommend it fully both for market and for home use. Packet, 10 cents;  $\frac{1}{4}$  ounce, 15 cents; ounce, 25 cents;  $\frac{1}{4}$  pound, 75 cents; pound, \$2.25; 10 pounds, \$20.00

### Long Keeper in Texas

"Your Long Keeper Tomato did extra well for me, growing splendidly in spite of long drought."

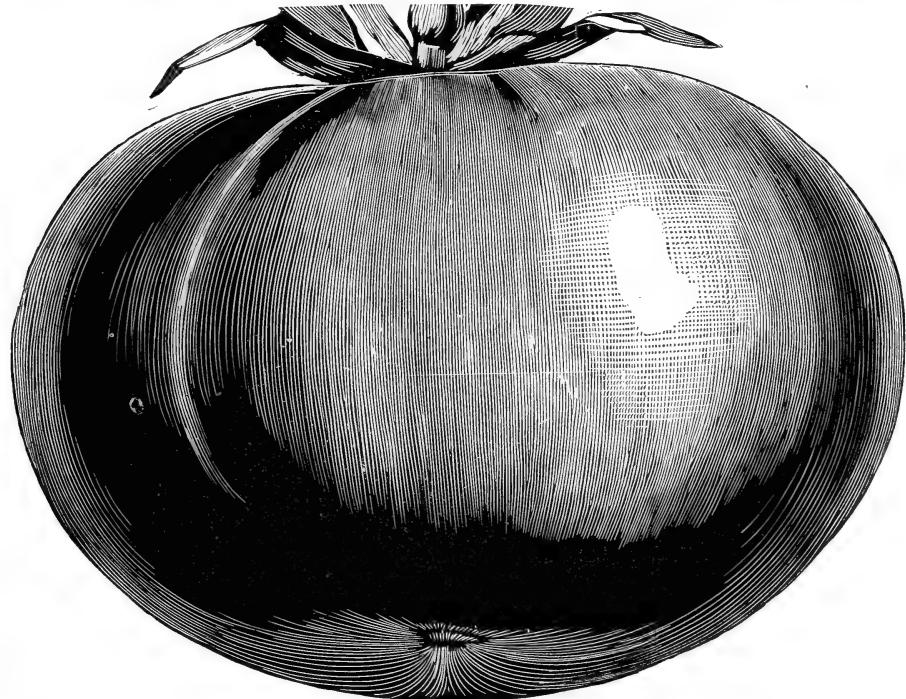
# 8,500 Acres of Tomatoes

Planted in the Southern States in 1903

## FROM HASTINGS' SEEDS.

That tells the story of the quality of our Tomato Seed better than a dozen pages of testimonials.

### Redfield Beauty Tomato.

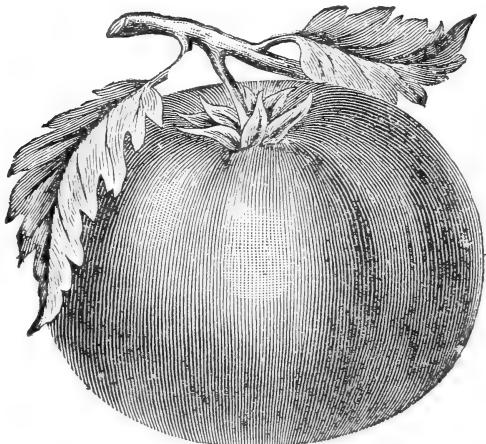


#### Most Thoroughly Satisfactory Tomato Grown.

Our Redfield Beauty is of the right size, the right earliness, the right shape, the right color, the right bearing qualities, the right shipping and eating qualities; in fact it's an all-right tomato in every respect. It has been planted for the last 14 years in Florida, Georgia, Alabama, Mississippi, Louisiana and Texas, and in all tests it has proven its superiority over all the other famous varieties. Its vigorous growth, heavy and long-bearing qualities and its comparative freedom from rotting under most trying conditions of growth, makes it a favorite everywhere. Of glossy crimson color with a slight tinge of purple. Grows in clusters of three to five fruits and is the most regular in size and shape of fruit of any variety known. Retains its large size until all are picked. Of perfect shape and is unexcelled for toughness of skin and solidity. Is especially valuable for market gardeners who have it shipped long distances or carry in wagons over rough roads. The skin does not break. In competitive tests it has excelled all the noted varieties put out by Northern houses in recent years; not one of them was equal to it. For the shipper and market gardener it is the best; for the home garden it is none the less valuable, combining, as Redfield Beauty does, every desirable quality. Large packet, 10 cents;  $\frac{1}{2}$  ounce, 15 cents; ounce, 25 cents;  $\frac{1}{4}$  pound, 75 cents; pound, \$2.25; 10 pounds, \$20.00.

**New Stone** A splendid main crop variety, of large size and bright red color; very smooth. Largely used in some parts of South Florida for late summer and fall planting for winter shipment. It's a good, firm, solid tomato, used in many sections for canning purposes. A splendid variety for late tomatoes in home gardens. Packet, 5 cents;  $\frac{1}{2}$  ounce, 15 cents; ounce, 25 cents;  $\frac{1}{4}$  pound, 65 cents; pound, \$2.25.

**Livingston's Favorite** A standard variety for home or market. Large and perfect shape. Ripens evenly; does not crack easily. A glossy crimson, tinged with purple. Few seeds; skin thick and tough. A good variety. Packet, 5 cents; ounce, 20 cents;  $\frac{1}{4}$  pound, 60 cents; pound, \$2.00.



Improved Purple Acme.

### The Matchless.

A splendid tomato. It is large and smooth and of a rich red color. Skin very tough, making it a splendid keeper and shipper, being less liable to crack and split than many other large varieties. The plants are strong growers and very productive. Fruit is free from core and seed spaces very small. Leaves are of rich, dark green color, very luxuriant, indicating great vigor. It stands as one of the best of the leading varieties. Packet, 10 cents;  $\frac{1}{2}$  ounce, 15 cents; ounce, 25 cents;  $\frac{1}{4}$  pound, 60 cents; pound, \$2.00; 10 pounds, \$17.50.

### Dwarf Champion.

We regret that seasons have been such as to give us but a limited supply of seed of this splendid variety again this year. It is popular everywhere it is known. It is now the only variety of stiff enough growth to be self-supporting without staking, thus keeping the fruit off the ground. The growth is very stiff, upright and compact. Fruit of medium size, smooth and round. It is one of our most desirable varieties. Packet, 10 cents;  $\frac{1}{2}$  ounce, 15 cents; ounce, 25 cents;  $\frac{1}{4}$  pound, 85 cents; pound, \$3.00.

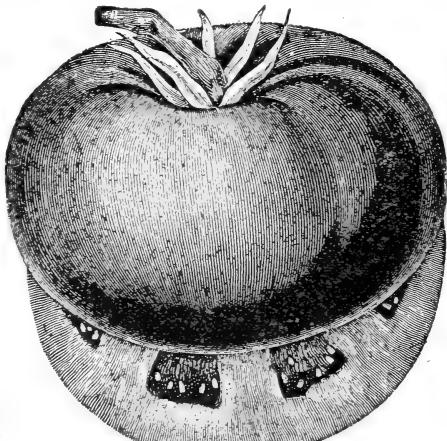
**ROYAL RED** This is an extra large main crop variety of bright red color, very smooth and of the finest quality. A splendid variety for late summer and fall planting in the South. Packet, 5 cents;  $\frac{1}{2}$  ounce, 15 cents;  $\frac{1}{4}$  pound, 60 cents; pound, \$2.00.

### Improved Purple Acme.

The old Acme was always a popular tomato, despite its defects. The Improved Purple Acme is a great improvement over the original variety and is a desirable one to plant for either market or home use. Our stock has been grown under conditions that make it expressly valuable for Southern plantings. Our Improved Acme is one of the earliest, is almost round, and has a thin but tough skin. It is very prolific, ripening evenly all over. It has a lovely purplish red color that makes it especially desirable as a market sort. Has few seeds, is juicy and of fine flavor. Packet, 5 cents; ounce, 25 cents;  $\frac{1}{4}$  pound, 60 cents; pound, \$2.00.

### Perfection.

One of the largest early sorts. Color, blood red; skin very fair, smooth. Is one of the first to mature. Solid and of good quality. Ripens evenly and is very productive. Packet, 5 cents; ounce, 20 cents;  $\frac{1}{4}$  pound, 60 cents; pound, \$2.00.



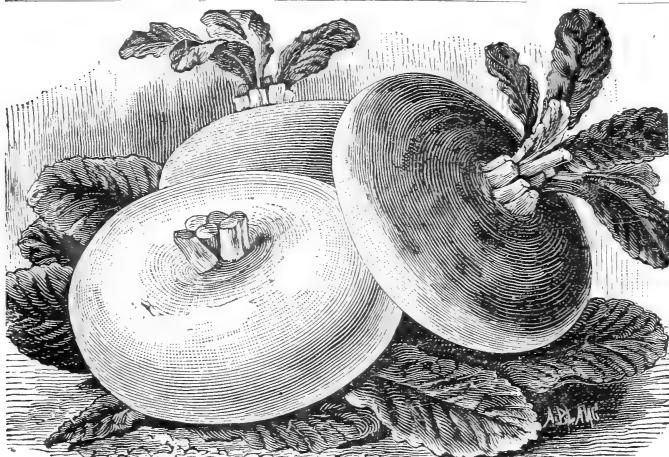
Matchless Tomato.

### EARLY WHITE FLAT DUTCH.

One of the most popular varieties in the South. Medium size and a quick grower. Is flat as shown in the illustration, with very small fine tap root. Flesh and skin pure white. Ounce, 5 cents;  $\frac{1}{4}$  pound, 15 cents; pound, 45 cents; postpaid.

### EARLY RED OR PURPLE TOP.

Almost the same as the Early White Flat Dutch, except for the deep red or purple color of the skin at the top of the bulb. A quick grower with very fine grained, sweet flesh. Known in some sections as the "Purple Top Flat Dutch." Ounce, 5 cents;  $\frac{1}{4}$  pound, 15 cents; pound, 45 cents; postpaid.



Early White Flat Dutch Early Red or Purple Top.

# 25,000 Pounds

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## of

# Hastings' Turnip Seeds

Are required to supply the demand direct from the planter during the next three months. That's an enormous quantity of turnip seed, but the fact that our turnip seed is the **right quality** and sold at **right prices** makes the demand.

### Improved American Rutabaga

cents;  $\frac{1}{4}$  pound, 15 cents; pound, 50 cents; postpaid.

For description and illustration see special turnip page in first part of catalogue. Ounce, 5

### Purple or Red Top Globe

For description and illustration see special turnip page in first part of catalogue. Ounce, 5 cents;  $\frac{1}{4}$  pound, 15 cents; pound, 45 cents; postpaid.

### Extra Early White Egg

For description and illustration see special turnip page in first part of catalogue. Ounce, 5 cents;  $\frac{1}{4}$  pound, 15 cents; pound, 50 cents; postpaid.

### Yellow or Amber Globe

For description and illustration see special turnip page in first part of catalogue. Ounce, 5 cents;  $\frac{1}{4}$  pound, 15 cents; 45 cents; postpaid.

### Seven Top "Salad Turnip"

For description and illustration see special turnip page in first part of catalogue. Ounce, 5 cents;  $\frac{1}{4}$  pound, 15 cents; pound, 40 cents; postpaid.

### Breadstone.

This variety was introduced as a turnip and was listed by us as such for several years. We are convinced by several years' test that it is really a rutabaga, although it is as fine grained and sweet flavored as the best varieties of turnips. Of medium size and quick growth, with perfectly smooth roots; white, with light green top. Flesh white, fine grained, and cooks in 15 minutes. For a white, quick growing rutabaga, it is unexcelled. Packet, 5 cents; ounce, 10 cents;  $\frac{1}{4}$  pound, 20 cents; pound, 60 cents.

### Extra Early Milan.

The earliest of all turnips. A flat, purple top variety, resembling the Early Red or Purple Top very closely, but is two weeks earlier. Perfect in shape and color, sweet and fine grained. Seed supply of this very short. Packet, 5 cents; ounce, 10 cents;  $\frac{1}{4}$  pound, 25 cents; pound, 70 cents.

### Early Snowball.

Extra early. A variety of sterling merit, perfectly round, pure white, very solid, sweet, short top. Ounce, 5 cents;  $\frac{1}{4}$  pound, 15 cents; pound, 50 cents.

### Pomeranian White Globe.

An extra heavy cropper, desirable where large size and quantity rather than quality is wanted. Very large white globe-shaped variety. Ounce, 5 cents;  $\frac{1}{4}$  pound, 15 cents; pound, 45 cents.

### Fulton Mammoth.

This is the largest and most productive of all the "solid turnips." It's a splendid combination turnip, giving an abundance of top for greens at the same time making large, finely developed roots of the best eating quality, these bulbs weighing from 3 to 8 pounds each. This we consider the best of all winter salad turnips. It has been grown near Atlanta for years, and has a great local reputation. Packet, 5 cents; ounce, 10 cents;  $\frac{1}{4}$  pound, 20 cents; pound, 60 cents.

### Hastings' Mixed Turnips

A splendid mixture of our own containing some of each variety of turnips and rutabagas catalogued by us. This mixture is made to supply the demand of the thousands of planters who wish to make only one sowing and at the same time have a succession of turnips to supply them all through the season. This mixture contains all the early, medium and late varieties and "salad" varieties for "greens." Ounce, 5 cents;  $\frac{1}{4}$  pound, 15 cents; pound, 50 cents.

### Snow White Globe.

Color pure white, shape round, size large, solid, quick in growth for a large turnip, producing a great weight to the acre. Rapidly growing in popular favor, more especially as a late winter and spring variety. In the autumn and early winter it is apt to be hard, but mellows like an apple by keeping. It is productive, hardy and closely resembles in size and shape the popular Purple Top Globe. Ounce, 5 cents;  $\frac{1}{4}$  pound, 15 cents; pound, 50 cents.

### Golden Ball.

A splendid and distinct yellow variety. Fine grained, medium sized variety, as round as a ball, with a clear, deep orange color. Bulbs of medium size, a rapid grower maturing early. Has small tap roots. This is the finest flavored of all the yellow varieties for table use. Packet, 5 cents; ounce, 10 cents;  $\frac{1}{4}$  pound, 20 cents; pound, 50 cents.

### Yellow Aberdeen.

(Purple Top)—A favorite, resisting both heat and cold well. Good size and a splendid keeper. Ounce, 5 cents;  $\frac{1}{4}$  pound, 15 cents; pound, 45 cents.

### Long White or Cowhorn.

Roots long and carrot-shaped, one-third to one-half of which is formed above ground. It roots deeply, resisting drought well. Flesh pure white, fine grained, sweet and of excellent table quality. It is very hardy and resistant to cold. Ounce, 5 cents;  $\frac{1}{4}$  pound, 15 cents; pound, 45 cents.

### Southern Prize.

This splendid salad turnip is just beginning to become known through the Central South. It's a great improvement over the Seven Top and seems a little harder than that variety, having successfully withstood freezes that injured Seven Top severely. Like our Fulton Mammoth, it makes good, edible bulbs, although they are not as large or fine grained as that variety. Ounce, 5 cents;  $\frac{1}{4}$  pound, 15 cents; pound, 50 cents; postpaid.

# HASTINGS' GRASS BOOK

Our booklet on Grasses, Clovers and Forage Plants covers all the principal Grasses and Clovers adapted to farming in the South. We have not the space in this Catalogue to go fully into the importance of Grasses and Clovers, preparation of the soil, causes of failures, etc., but we will be glad to send you a copy free if you are interested in this subject, one that no land-owning farmer can afford to neglect, and this Grass Pamphlet of ours will help you. It tells you how to grow grass; how to make it the most profitable farm crop you can grow.

**Quality of Grass and Clover Seeds** No class of seeds is more subject to manipulation and adulteration than grass and clover. These, according to the different markets, are graded in from three to five grades, the poorest or lowest quality. We handle in our trade nothing but the very best grade obtainable. This, we know, is higher priced than the lower grades, but it is cheaper, when it comes to the crop, than the lower grades are at half the price. It takes less seed to sow a certain acreage; when it comes up you have got just what you wanted when you planted your crop, you have no adulteration with other seeds, and unless your soil is full of weed seed you will not be troubled with weeds and foreign grasses in your crop. You get all grass or all clover, as the case may be. In some of the clovers there is often a variation of \$3 per bushel between the different grades. As stated, we handle nothing except the highest grade obtainable, pure and free from adulteration. We are always glad to submit samples for comparison with samples from others. We know what our grasses and clover seeds are. They will give you entire satisfaction.



*Lucerne Clover, or Alfalfa.*

## California Burr Clover.

Seed should be sown any time from July to October, 50 pounds of "burr" or 6 pounds cleaned seed per acre. It is an annual plant, furnishing excellent winter grazing, or a hay crop in May. If left to mature, seeds form, drop on the ground, seeding it for the next year's crop. In the meantime summer crops can be grown and matured on the same ground. Our farmers can plant it with perfect safety, as there is nothing of a pest nature to it. Its growth is strong even on the poorest ground. On soil too poor for rye to get high enough to cut, Burr Clover made a growth 2½ to 3 feet high. Burr Clover is a leguminous crop, gathers nitrogen from the air, and, after furnishing winter grazing, leaves the soil in better condition for succeeding crops. **Rough Seed** (in the burr), 40 cents per pound; postpaid. Bushel (10 pounds), \$2.50, subject to market changes. **Cleaned Seed** (burr removed), 55 cents per pound; postpaid. 10 pounds, not prepaid, \$3.50.

## Alfalfa or Lucerne.

Each season shows an increased interest in this splendid hay and forage plant. It is the most valuable permanent clover that can be grown in the South, seemingly adapted to all of our States except Peninsular Florida, where its success is doubtful. Once well established it is perpetual, furnishing 3 to 5 cuttings per year. Its nutritive value for feeding is of the highest. Growth remarkably strong, and the roots often penetrate 20 to 30 feet into the subsoil, bringing up plant food that would otherwise never be available. This deep rooting puts the plant forever beyond the reach of droughts after the first season. We know of one field of it in Georgia that is now over 30 years old, fresh, vigorous growth, as rampant as it was the first five years. No farmer with stock or dairymen can afford to be without it. It is well worth the careful attention of the first year to get it established. September and October sowings are the most satisfactory. Sow 15 to 20 pounds to the acre. Full cultural directions given in our "Grass and Clover Talk." **HIGHEST GRADE SEED.** Pound, 40 cents; 3 pounds, \$1; postpaid. Write for market prices on peck and bushel lots.

## Crimson Clover.

An annual variety that is proving very popular in the South. The crops of it near Atlanta this year have been magnificent, many of them averaging over 3½ feet in height. Especially valuable for the lighter clay soils. Grown most largely for winter pasture and hay crops, maturing early in May. It's a nitrogen gatherer, and even where the tops are cut off the stubble and roots add largely to the fertility of the soil. It's one of the cheapest and most valuable of the soil improvers, and its growth will undoubtedly pay big on the investment in all the Southern States except Central and Southern Florida. Sow from August to November, taking care to have the ground thoroughly prepared and the highest grade seed. With these, success is practically assured. Pound, postpaid, 25 cents; peck, about \$1.25. Write for market prices on bushel lots.

## Red Clover.

A valuable farm crop, largely used for pasture and soil improvement. Yields 2 or 3 cuttings per year. First crop makes rich feed and is the most valuable for hay. Clover draws nitrogen from the air largely, and is one of the best soil renovating crops. Clover, intelligently used, is the farmer's best friend. Should be used as a rotation crop. Sow either in fall or spring. September and March are the best months. Pound by mail, postpaid, 35 cents; 3 pounds, postpaid, 90 cents. Write for close market prices, peck and bushel lots.

## White Clover.

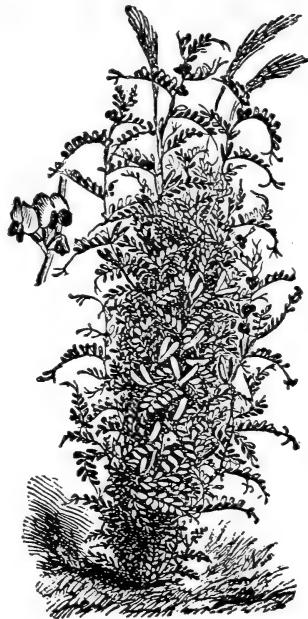
Does well in almost all lands of the Central South, but prefers moist land. Thrives better than other clover on land containing iron. Sow either in fall or spring, 5 to 6 pounds per acre. 40 cents per pound; postpaid.

## Hairy, Sand or Winter Vetch.

The Sand Vetch (*Vicia Villosa*) is one of our most valuable forage plants, in fact, the most valuable of all to furnish green forage in winter. It is in general use in this section by dairymen. It's a nutritious feed, fattening, and at the same time largely increases the flow of milk.

R. J. Redding, Director of the Georgia Experiment Station, under date of July 16, 1900, says: "I sowed some little patches of the Hairy Vetch on Bermuda sod and I was astonished and agreeably surprised at the result, and am very much pleased with it; indeed, I find it much more hardy than the common Vetch (*Vicia Sativa*), the severe freeze in February killing the common vetch to the ground and not even singeing the Hairy Vetch. On one plat, occupied by a very heavy Bermuda sod, I sowed the seed in October myself at the rate of one bushel per acre and did not attempt to harrow them in or in any way cover them. The result was remarkable. When at its best, I measured a small plat of it accurately and weighed the green forage. The amount was 29,500 pounds per acre."

Vetch should be sown from August to December at the rate of 30 to 40 pounds per acre, with  $\frac{1}{2}$  to 1 bushel of rye or winter oats. Vetch is a trailing plant and needs something like rye, oats or wheat to support it, holding it well off the ground and making it easier to harvest and cure. Price, 30 cents per pound, postpaid. In 10-pound lots or more, 15 cents per pound, not prepaid. Write for market prices.



Hairy, Sand or Winter Vetch.

## Orchard Grass.

One of our most reliable grasses for the Middle South, either for hay or pasture. While succeeding well on almost all soils, it does best on loamy and moderately stiff uplands. It starts growth early in spring and continues to grow well into winter. A quick grower, highly relished by stock, especially when young, and bears close grazing. Makes good hay. Cut for hay when in bloom. Sow in fall or spring, but best results are obtained from fall sowings. Sow 3 bushels per acre. If sown with Red Clover, use  $\frac{1}{2}$  bushel. Orchard Grass and 7 pounds Red Clover per acre. Pound, 35 cents, postpaid; bushel (14 pounds), highest grade seed, about \$2.25. Prices fluctuate. Write for market prices.

## Red Top or Herd's Grass.

Makes excellent pasturage and a fine quality of hay. Succeeds on a greater variety of soils than any other, but does best on heavy or low, moist, stiff soils. Starts to grow later than Orchard, but generally holds up better through the season for grazing in pastures. We handle none but the "Fancy Cleaned Seed," from which all stems, hulls, dirt and trash have been removed. One pound of this is worth a bushel of chaff seed. Price, 30 cents per pound, postpaid; bushel (14 pounds), about \$2.00.

## Kentucky Blue Grass.

Too well known throughout the South to need description. Our "Elmwood Fancy" Blue Grass is the very best there is to be had. It's pure and clean, free from all weeds and chaff. We make a specialty of Blue Grass for the extensive lawn work here in Atlanta, where everything depends on having pure, vital seed, absolutely free from weeds. Can be sown any time from September to April, but October and November will give best results. Pound, postpaid, 30 cents; 3 pounds, 75 cents; bushel (14 pounds), by express or freight, not prepaid, \$2.00.

**Tall Meadow Oat Grass** A valuable hay and pasture grass. Stands heat and cold. Pound, 30 cents, postpaid. Bushel prices on application.

**Italian Rye Grass** Suited especially to moist bottom lands. Pound, 30 cents postpaid. Bushel prices on application.

**Meadow Fescue** Fine pasture grass. Pound, 50 cents, postpaid. Bushel prices on application.

**Johnson Grass** A valuable grass if rightly handled. Pound, 25 cents, postpaid. Write for bushel prices.

## Dwarf Essex Rape.

A splendid fall and winter pasture plant, furnishing rich nutritious pasturage within 6 weeks of time of sowing, and continuing throughout winter and spring. The fattening properties of Rape are said to be very much better than those of clover, and it makes a first-class crop for sowing with Crimson Clover, grazing the crop in the fall and winter, and plowing under the clover or cutting same for green forage or a hay crop the following spring. In this section Rape can be successfully sown from July to November, also early in the spring. Rape is best sown in drills at the rate of 3 to 5 pounds per acre, or it can be sown broadcast, when from 6 to 8 pounds per acre should be used. Price, 25 cents per pound, postpaid; 10-pound lots and over, not prepaid, 10 cents per pound.



Dwarf Essex Rape.

## Grass and Clover Prices Change Almost Daily.

# Wheat, Oats, Rye and Barley.



We carry during the fall season complete stocks of suitable varieties of Wheat, Rye Oats and Barley of first-class seed stock only. At the time this catalogue is issued it is impossible to make prices that will stand through the season on seed grain as they fluctuate in price constantly. The prices given herewith are as near the average prices as we can estimate at this time, and we expect to fill orders at these prices. Should these prices be above the market at the time your order is sent we will refund any difference in the price. We do not attempt to compete in price with the alleged seed grain sold by produce and feed houses and gathered up from uncertain sources. Thousands of bushels of low grade milling wheat have been brought into Georgia during the past two years and sold as seed wheat. We are not handling that class of grain. Our seed grain is seed stock grown for that purpose. It is carefully grown and selected for seed purposes, and will give satisfaction to those who plant it. Our prices are fair to you and to us. If you need seed grains in quantity we shall be pleased to make you special prices on application. The largest part of our seed grain is raised on the stiff red clay soils of North Georgia. The superiority of these soils for grain production is well known.

We are now making a specialty of grain seed for fall planting and you will not be disappointed in your crops with seed grain from Hastings.

**Currell's Prolific Wheat**—This splendid beardless wheat has given entire satisfaction wherever grown in the South, both as regards quality and yield of grain, yields of 30 to 40 bushels being reported as against yields of 20 bushels of other varieties on the same land. Grain medium size, very flinty and a fine milling wheat. Straw very stiff in growth, healthy, strong grower and medium early to ripen. Heads nearly twice the size of the Blue Stem. It is undoubtedly the largest yielding and most satisfactory of all beardless varieties that are adapted to growth in the South. Price, including bags, 40 cents peck; about \$1.35 per bushel. Write for close market prices.

**Extra Early Blue Stem or Purple Straw Wheat**—This is an old favorite among wheat growers in the South. It's a fine, productive, beardless wheat, a standard in this section. It has always been an early variety, but this past year we have secured an extra early strain of Blue Stem, ripening a week or ten days ahead of the old strain. Price, 40 cents peck; about \$1.25 per bushel. Write for close market prices.

**Red May**—A popular variety in the South, usually ripening latter part of May in this latitude. Very prolific, with flinty grains. Makes a strong milling wheat. Price, 40 cents peck; about \$1.25 per bushel. Market prices on application.

## OATS FOR FALL PLANTING.

**Winter Grazing or Turf Oats**—Are grown largely throughout this section, making splendid crops of oats, heavier and better than the Rust Proof. When sown early so as to have a chance to become well established they are fully as hardy as wheat and make splendid grazing during late fall and early spring without injury to the grain crop to follow. The yield, under favorable conditions, is almost incredible, and their strolling and turfing qualities exceed those of any other variety. On rich soil they have been known to yield over 100 bushels per acre. Much heavier than the ordinary oats. In this latitude, sow in September and October. Price, about 75 cents per bushel. Write for market prices.

**Texas Red Rust Proof**—A standard variety for either fall or spring sowing all over the South. Better adapted to light and sandy soils than the Turf Oat. Price, about 75 cents per bushel. Write for market prices.

**Burt or Ninety-Day Oat**—Strictly a spring sown oat in this latitude, but much sown in fall and early winter in Florida and along the Gulf. A fine, clean, bright oat, which matures quickly. Requires a very fertile soil to make paying crops. Price, about 90 cents per bushel. Write for market prices.

## GEORGIA GROWN WINTER RYE.

Very little of the rye sold as Georgia grown ever sees Georgia until it is offered for sale, most of it coming from the other side of the Ohio river. We obtain our rye direct from the farmers who grow it here in Georgia, and know just what we are getting. No Northern grown rye is sold by us. Rye is used all over the South for winter pasture, early green feed, and for turning under green. Can be sown successfully from August to March in this latitude. It's a good crop to cover your ground during the winter rains, preventing leaching and washing of hillside lands. Sow 1 to 1½ bushels per acre. Price, cents per peck; about \$1.20 per bushel. Write for market prices.

## FLORIDA GROWN WINTER RYE.

In many parts of Florida, especially the central and southern parts of the State, the Georgia grown rye is not always satisfactory. We have a few hundred bushels of Florida grown rye for our Florida customers. This will be shipped direct from the growing station in Florida, saving freights. No order for less than one bushel of Florida Rye can be filled. Price, about \$2.75 per bushel.

## WINTER BARLEY

Makes a much more leafy growth than either oats, rye or wheat. It makes a strong growth and excellent pasture during winter and early spring, as it can be constantly grazed without injury. A splendid feed for both stock and poultry. Sow at rate of 1½ to 2 bushels per acre during fall and early winter. Price, 40 cents peck; about \$1.10 per bushel. Write for market prices.

# STRAWBERRIES



## See those roots?

A noted preacher once said that he supposed that God might have made a better berry than the strawberry, but He never did. Now, what we want to do is to have some of this "best berry ever made" in every garden in the South. You have the garden and we can supply the plants—not only plants, but good plants of the best varieties for the South.

We reproduce on this page a photograph taken of some of our plants. See the roots which are the most important part. Plants with roots like these can't help but grow and bear with half a chance in your garden. These plants are grown by a strawberry grower who knows his business. These plants are all healthy and no plant used to propagate from unless it is in a healthy, vigorous condition; nor are any weak offsets allowed to grow; every plant must be healthy and vigorous. Every plant we offer is from the best that can be grown, and you will be pleased with every plant we send you.

We don't believe in having a long list. The following varieties have proven to be the best for the South; the best in size, quality and sureness of bearing:

**CLYDE**—The earliest good, large berry. Strong grower and productive. Fruit firm, large and of regular form. Bright scarlet berries.

**GANDY**—Midseason variety. Strong grower, vigorous and very prolific. Ripens evenly. Berries large and finely formed, well colored and firm. Very large and finest flavor.

**CUMBERLAND**—Rather late, blooming after most danger from frost is past, yet maturing rapidly; large, finely formed, bright colored berries. The standard variety in this section.

**BRANDYWINE**—Early. A very large berry; and should be planted on low moist land, as it does not withstand drought well.

**LADY THOMPSON**—Large, even size; good color, and productive; good shipper, firm and of fine flavor. Strong and vigorous grower. One of the best.

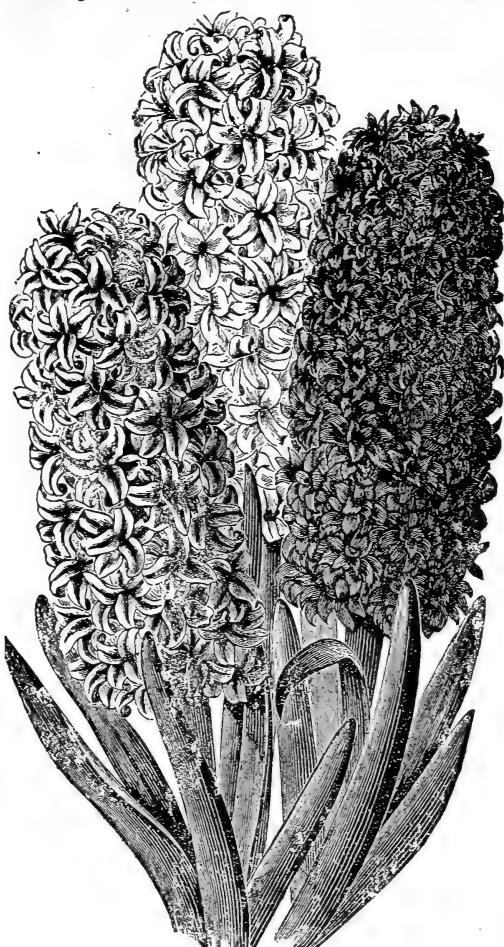
**PRICE—All Varieties**—Packed and ready for shipment: Per 100, 50 cents; per 1000, \$3.50; not prepaid. Plants can be delivered from October 1st to March 15th.

## For the Home Garden--Prepaid Offer

In our opinion, the three best varieties for home use and nearby markets are Clyde, Gandy and Cumberland. 300 plants will make a fine bed, just what you ought to have. We will send, express charges prepaid, to any office reached by the Southern Express Company, 100 of each of these three varieties for \$1.50. To any point reached by any of the other express companies in the Southern States, we will send this strawberry collection, all charges prepaid, for \$1.75.

## PLANT A STRAWBERRY BED THIS FALL

# Hyacinths, Tulips, Narcissus, Etc.



Dutch Hyacinth.

## Narcissus Grandiflora.

The most magnificent, the most popular, the most satisfactory of all the forms of Narcissus. It grows equally well indoors or out, in soil or in water. Also known as the Paper White Narcissus. It ought to be in every home in the South for a winter bloomer. Large size, extra fine bulbs, 5 cents each; 40 cents dozen; \$2.50 per 100; delivered.

## Single Tulips.

**Artus**, bright red; **L'Immaculée**, pure white; **Duchesse of Parma**, orange red, bordered with yellow. Each, 4 cents; 30 cents per dozen; \$1.75 per 100; postpaid.

**Chrysolora**, large, pure, single yellow. 4 cents each; 30 cents dozen; \$2.00 per 100.

**Single Mixed Tulips**, all shades and colors mixed. 25 cents dozen; \$1.25 per 100.

## Double Tulips.

**Duke of York**, white, with blood red center. 4 cents each; 30 cents dozen; \$2.00 per 100.

**La Candeur**, pure white; **Gloria Solis**, rich bronze crimson, with yellow edge. 3 cents each; 25 cents dozen; \$1.50 per 100.

We are extensive importers and dealers in Dutch, French and Chinese Bulbs, and our efforts are always toward getting the largest and best bulbs, ones that will give the best results to our customers who plant them. We do not attempt to compete in price with certain firms who make very low prices and then send the buyer the small, immature "Miniature" Hyacinths, worth less than one-half as much as the fully developed bulbs, and never giving satisfaction. We offer you the best there is grown in bulbs at a reasonable price. Narcissus and Roman Hyacinths can be furnished after August 15th, the others after October 1st.

## Prices Postpaid.

Remember that the prices given on this page include the payment by us of all postage or express charges. These prices are for the best large-sized bulbs delivered at your express or post office.

## White Roman Hyacinths.

Splendid bulbs from Southern France, of this delicate and fragrant variety. 5 cents each; 50 cents dozen; \$3.75 per 100, delivered at your postoffice or express office.

## Single Dutch Hyacinths.

PURE WHITE	First size bulbs only, purchaser's selection of colors. Prices include postage or express charges paid.
ROSE PINK	
DARK RED	
LIGHT BLUE	
DARK BLUE	
YELLOW	

DARK RED

Each, 8 cents; half dozen, 40 cents; dozen, 75 cents; 100, \$5.50.
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## Double Dutch Hyacinths.

PURE WHITE	First size bulbs only, purchaser's selection of colors. Prices include postage or express charges prepaid.
ROSE PINK	
DARK RED	
LIGHT BLUE	
DARK BLUE	
YELLOW	

Each, 8 cents; half dozen, 40 cents; dozen, 75 cents; 100, \$5.50.
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## Chinese Sacred Lilies.

The most interesting of all bulbous plants. Grows vigorously and to perfection in water alone. Finest selected large bulbs, sure to bloom. 15 cents each; for 40 cents; \$1.50 per dozen; postpaid.

## Bermuda Easter Lily.

Bulbs 5 to 7 inches in circumference, 12 cents each; \$1.25 per dozen; 7 to 9 inches, 20 cents each; \$2.00 per dozen; 9 to 11 inches, 30 cents each; \$3.00 per dozen.

**Freesias**—Popular bulbs of easiest culture. First size bulbs, 20 cents dozen; \$1.00 per 100.

**Mammoth Crocus**—White, blue, purple, yellow and striped. 10 cents dozen; 60 cents 100.

**White Calla Lily**—10 to 20 cents each; \$1.00 to \$2.00 per dozen, according to size.

**Lily of the Valley**—25 cents dozen; postpaid.

# Hastings' Superior Lettuce Seed.

Lettuce is one of our specialties, and one in which we take great pride. Two varieties that we introduced in the South—Florida Header and Drumhead White Cabbage Lettuce—are now standard varieties in every Southern State. We want to say just a few words about our lettuce seed. Every pound of it is grown in California by a grower who is recognized by all seedsmen, both American and European, as being the best lettuce seed grower in the world. We have never been able to find any lettuce seed equal to that which he grows. It costs us about twice as much as we could get an inferior grade of seed in California for, but we have the satisfaction of knowing that our customers are getting the very best there is to be had, even if we don't make quite as much profit as some other dealers do.



Florida Header—Stands Heat and Cold.

## Florida Header.

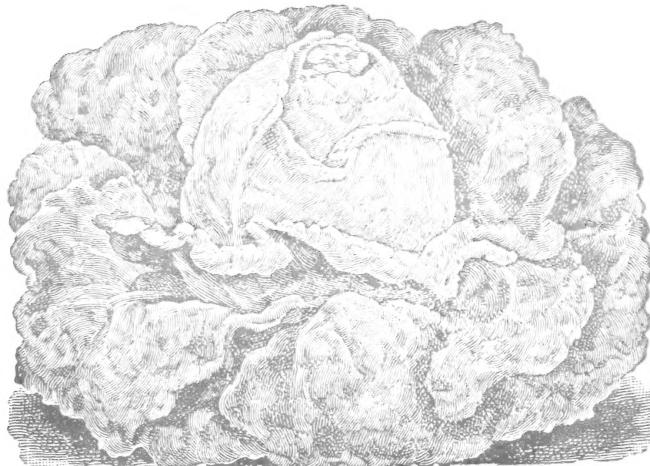
We have grown and sold Florida Header Lettuce for ten years. It has stood the test of time and is now recognized as the leading variety for market, for shipment or for home use in the South. No better variety exists for the shipper or for anyone who wants large, solid heads. It is a large, white-headed variety, heads quickly, and is slow to run to seed. It holds up its appearance better in shipment than Big Boston. Very resistant to both heat and cold, it passing through severe freezes almost unharmed when other varieties were killed or badly damaged. For home use it is crisp and tender, and its fine appearance in the market adds greatly to its selling qualities. In actual field test it holds up over two weeks over Big Boston before running to seed. You make no mistake when you plant Florida Header, either for market or home use. Packet, 5 cents;  $\frac{1}{2}$  ounce, 10 cents; ounce, 15 cents;  $\frac{1}{4}$  pound, 35 cents; pound, \$1.25; 5 pounds, \$5.00.

## Hastings' Superba.

This lettuce was brought to our notice by our California grower as the most beautiful, solid, large-heading, heat-resisting variety he had ever seen. It is superb, and we believe we are safe in saying that it will very shortly be more popular with lettuce growers than Big Boston and Cream Butter. Outside color green, becoming more and more yellow toward the center. Heads large and solid, and for crispness and tenderness it is simply perfect. Its heat-resisting qualities are wonderful, standing for a long time in the hottest sun of summer without running to seed. Limited quantity of seed this year. Packet, 10c;  $\frac{1}{2}$  oz., 15c; oz., 25c.

## Grand Rapids.

Desirable for either open ground or forcing. Loose-headed, with leaves beautifully fringed and curled and of yellowish green color. Growth quick and compact. Packet, 5c; ounce, 15c;  $\frac{1}{4}$  pound, 35c; pound, \$1.00.



Hastings' Superba.

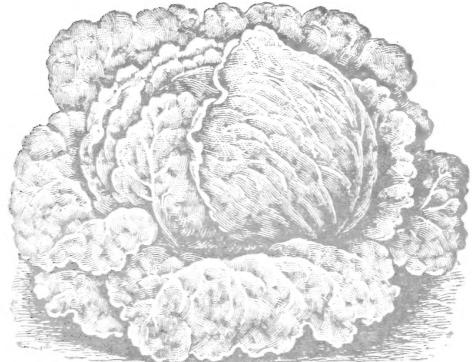
Well Known Varieties Denver Market, Improved Hanson, Tomhannock, Satisfaction, Prize Head, All-Year-Round, Salamander, B. S. Simpson, Phila. Philadelphia, Butter, White Paris Cos, B. S. Tennis Ball. All 5 cts. packet; 10 cts. ounce; 30 cts.  $\frac{1}{4}$  pound; \$1.00 pound.

## Drumhead Cabbage Lettuce.

A favorite, and exceptionally valuable for home use and nearby markets. Large, solid heads, some weighing 2 or 3 pounds. Crisp, tender and free from bitterness. Leaves outside are green, inside almost a pure white. Has but little tendency to run to seed. Fine for fall planting in Florida. Packet, 5 cents;  $\frac{1}{2}$  ounce, 10 cents; ounce, 15 cents;  $\frac{1}{4}$  pound, 30 cents; pound, \$1.10.

## California Cream Butter.

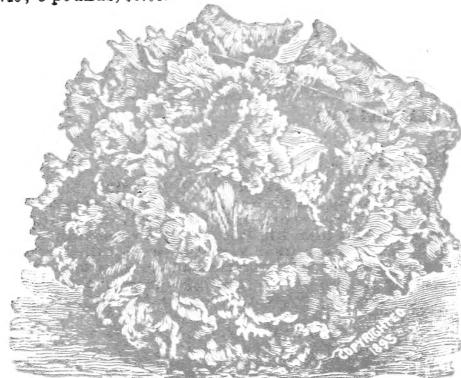
Also known as "Royal" in some localities. Good for open ground planting at all seasons in the South. Fine variety for market gardeners and shippers. Heads large and solid, the inside blanching to a beautiful cream yellow when properly grown. The pure strain of this variety can be distinguished by the small spots on the outer leaves. Our stock is strictly high grade and of the purest strain. Packet, 5 cents; ounce, 15 cents;  $\frac{1}{4}$  pound, 35 cents; pound, \$1.25; 5 pounds, \$5.00.



Drumhead White Cabbage Lettuce.

## Big Boston.

Standard market garden and shipping variety, grown almost exclusively in some sections. Extra large, round, firm heading variety, and makes a good appearance in market. Our seed of this variety is grown for us by the best lettuce seed grower in the world and is pure stock. Packet, 5 cents; ounce, 15 cents;  $\frac{1}{4}$  pound, 35 cents; pound, \$1.25; 5 pounds, \$5.00.



The Iceberg Lettuce.

## Golden Gate Lettuce.

A magnificent creamy yellow, large heading variety, the result of 20 years' selection by a noted California grower. It leaves nothing to be desired in quality, crispness and tenderness. Packet, 5 cents; ounce, 15 cents;  $\frac{1}{4}$  pound, 35 cents; pound, \$1.25.

## MUSTARD---FOR SALAD.

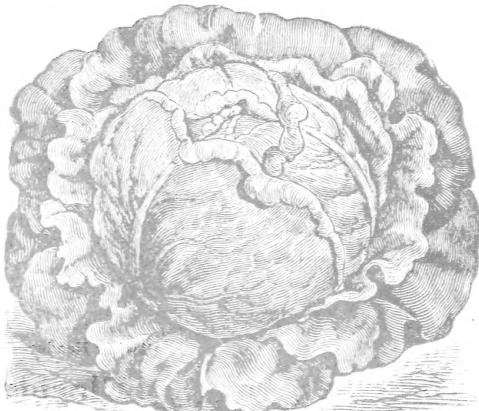
Sow from August to April in drills 16 inches apart. Give clean cultivation. Hardy in the South through the winter.

## Chinese Mustard.

This is much superior to the Southern Curled in size, quality and flavor. Immensely productive, the leaves being twice the size of ordinary mustard and remain tender and fit for use much longer. See the engraving, which is a good representation of it. Packet, 5 cents; ounce, 10 cents;  $\frac{1}{4}$  pound, 25 cents; pound, 75 cents; postpaid.

## Giant Southern Curled.

An old and well-known variety used in all parts of the South for salads like lettuce and for boiling. Our strain of this variety is what is sold by many as the "Ostrich Plume," much superior to the old variety in appearance and quality. Packet, 5 cents; ounce, 10 cents;  $\frac{1}{4}$  pound, 25 cents; pound, 75 cents; postpaid.



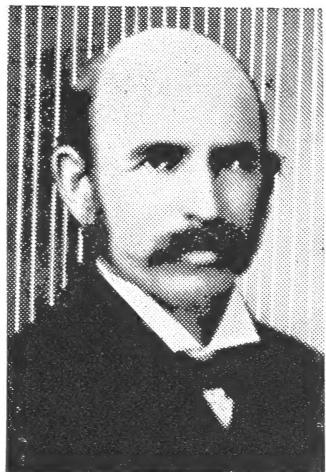
Big Boston Lettuce.

## The Iceberg.

One of the most beautiful varieties we have ever grown. Very ornamental as well as being an exceedingly crisp, tender variety, growing a long time before running to seed, being equal to Florida Header in that respect. Known as a "crisp" leaved variety, and is a hard header. Splendid either for open ground planting or for forcing under glass in winter. Heads of conical shape and medium size. Heads tightly folded and blanch to a beautiful white. Outer leaves light green, growing closely up around the head. Packet, 5 cents; ounce, 15 cents;  $\frac{1}{4}$  pound, 35 cents; pound, \$1.25; postpaid.



# The Southern Ruralist Free Premium - On every order to the amount of \$1 or more



F. J. MERRIAM, EDITOR AND PUBLISHER

IT has always been the custom in our business to give useful premiums to our customers, and we know of no better or more useful premium that we can place in your hands than the Southern Ruralist, coming as it does regularly through the year.

We know that there are thousands of readers of this catalogue who are doubtful about book or paper farming, and we know that this comes largely from the fact that there are so few farm and garden papers published in the South. The Southern reader's experience with the farm papers edited and published in the North has not been such as to lead him to place much confidence in their teachings. This is not surprising. The Northern farm papers are published in a section where farming conditions are radically different from ours. Methods that work all right in Ohio, New York or Massachusetts are not the methods for us here. The information contained in them is usually worthless and often misleading to the Southern farmer, and this being so, it is not surprising that the farmers of the South who have read them have no confidence in them. The Northern agricultural paper is good in its own section and place, but the South is not its place.

What the Southern farmers, truck-growers and gardeners need in their business is an agricultural paper that treats agriculture and gardening strictly from a Southern point of view. What is needed is a farm paper that gives the experience and practice of Southern farmers. Our conditions of climate, soil and crops are different from those of any in the country, and we need agricultural papers of our own.

The Southern Ruralist is just such a paper as every Southern farmer can read and profit by. It is of and for the South only. Its editor and publisher is a practical Georgia farmer, a man who works, eats and sleeps on his farm. He is no theorist. He is making and has made for years his living out of the soil. There is no farming in the Ruralist that is not practical. No untried theories of farm methods find their way into the Ruralist. What the Ruralist advises is based on experiments made and proved to be successful on farms here in the South.

## The Ruralist Experiment Farm

Of 200 acres is the only one of its kind in the South. It is a "business" farm. It makes its owner, Mr. F. J. Merriam, not only a living, but a profit every year. Hundreds of experiments in Southern farm and garden work are conducted there every year. Every reader of the Ruralist gets the benefit of these experiments. On the Ruralist farm are grown the same kind of crops that you grow; they have to contend with the same difficulties in the way of soil, weather and insect pests that yours do. How to conduct the farm profitably is a practical problem to Mr. Merriam just as it is to you. The results of these experiments go to you in each issue of the Ruralist. It will give you new ideas, improved methods, and valuable practical information every time it comes, and it comes to you, not from a city editor, but from the man on the farm right here in Georgia, a man who has to work out all the problems that you do, and knows by actual experience all sides of Southern farm life.

## Our Best Southern Farm Paper

The Ruralist is the best Southern farm paper published. It now goes into 41,000 homes. It is now a 16-page paper and it will be increased to 24 pages in September. Its price is 50 cents per year. We want to see it in the home of every farmer and gardener in the South, and by special arrangement we are able to offer a year's subscription to the Ruralist free as a premium to anyone ordering seeds from us to the amount of \$1.00 or over. To anyone who does not need a dollar's worth of seeds, we say, send us your order for what you do need, then add 20 cents to the amount you send for seed, and you can have the Ruralist for a year, thus getting it for two-fifths of the subscription price.

You need seeds. We have them, and they are the best that grow. No other house offers you such a valuable premium as the Ruralist. Why not send to Hastings' for seeds and get this splendid premium free? Sample copies of the Ruralist free on request.

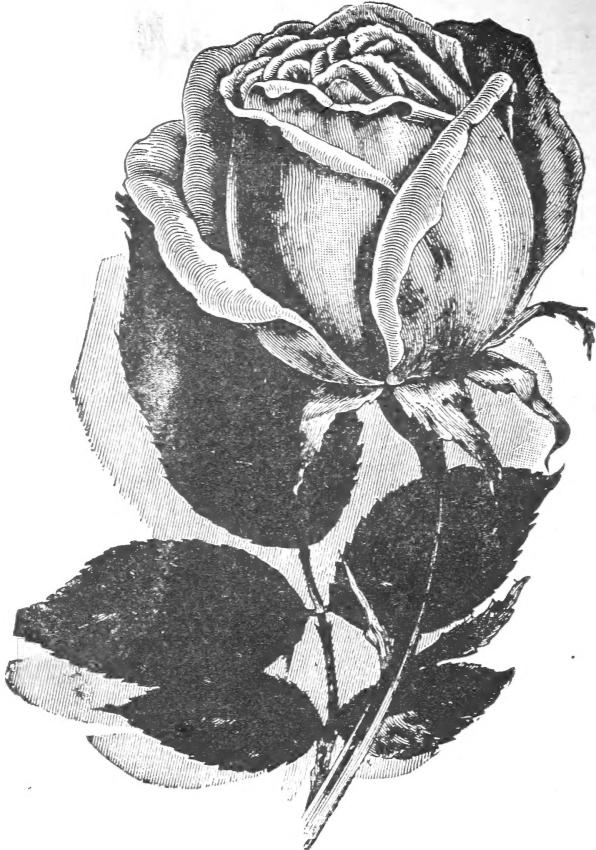
# Hastings'

## Georgia

## Grown

## Roses

**For Fall  
and Winter  
Plantings  
in the  
South**



**W**WE are firm advocates of the planting of large, two-year-old, open ground grown roses in the South during the fall and winter months for full blooming effect the following spring and summer. These roses, of which we grow thousands on our grounds near Battle Hill, are just the size to give you plenty of bloom the next spring. They become dormant usually about October 15th, and can be shipped any time after that date. While the tops remain dormant through the winter, the roots are making constant growth, and when spring opens up, there is a fully developed root system to promote the rapid growth of the top, furnishing bloom immediately. No nursing or petting for a year or two, such as is necessary with small pot-grown plants from the greenhouses.

Lack of space prevents our giving a list of varieties and descriptions in this catalogue. During September we shall issue a special rose catalogue giving descriptions and prices of all varieties grown by us this year. This will be sent free to anyone who is interested on request. When you send in your seed order, mention the fact that you are interested in these large, open-ground grown roses, and a copy of this special rose catalogue will be sent you as soon as it is issued. Prices of these two-year-old roses: 25 cents each; \$2.50 per dozen; not prepaid. They are too large to send by mail.

**Special Rose Catalogue** **Ready in**  
**September**

Our Special Rose Catalogue, giving descriptions and prices of our open-ground grown  
Roses for fall and winter planting. Sent free to anyone on request.